

FIG. 1

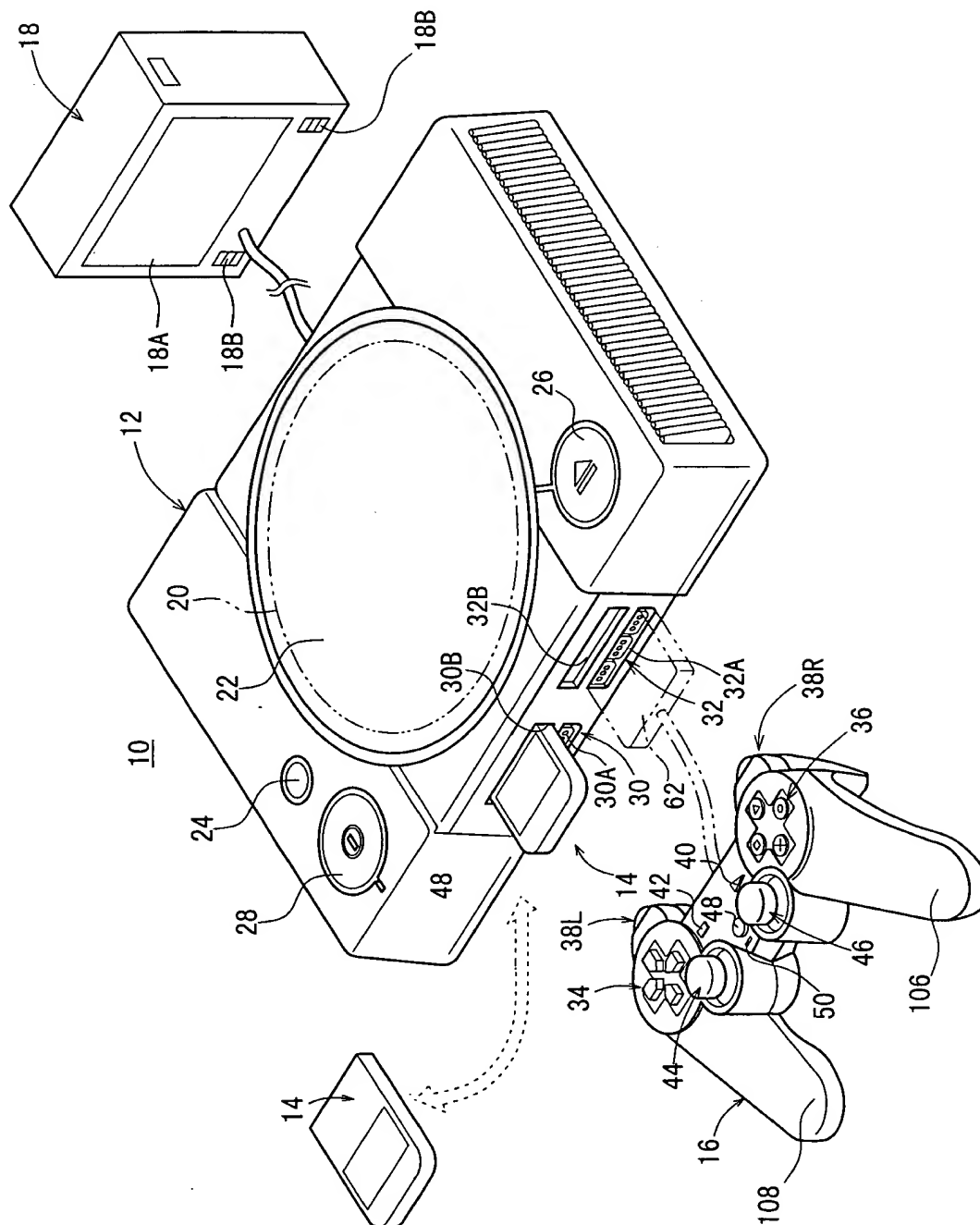
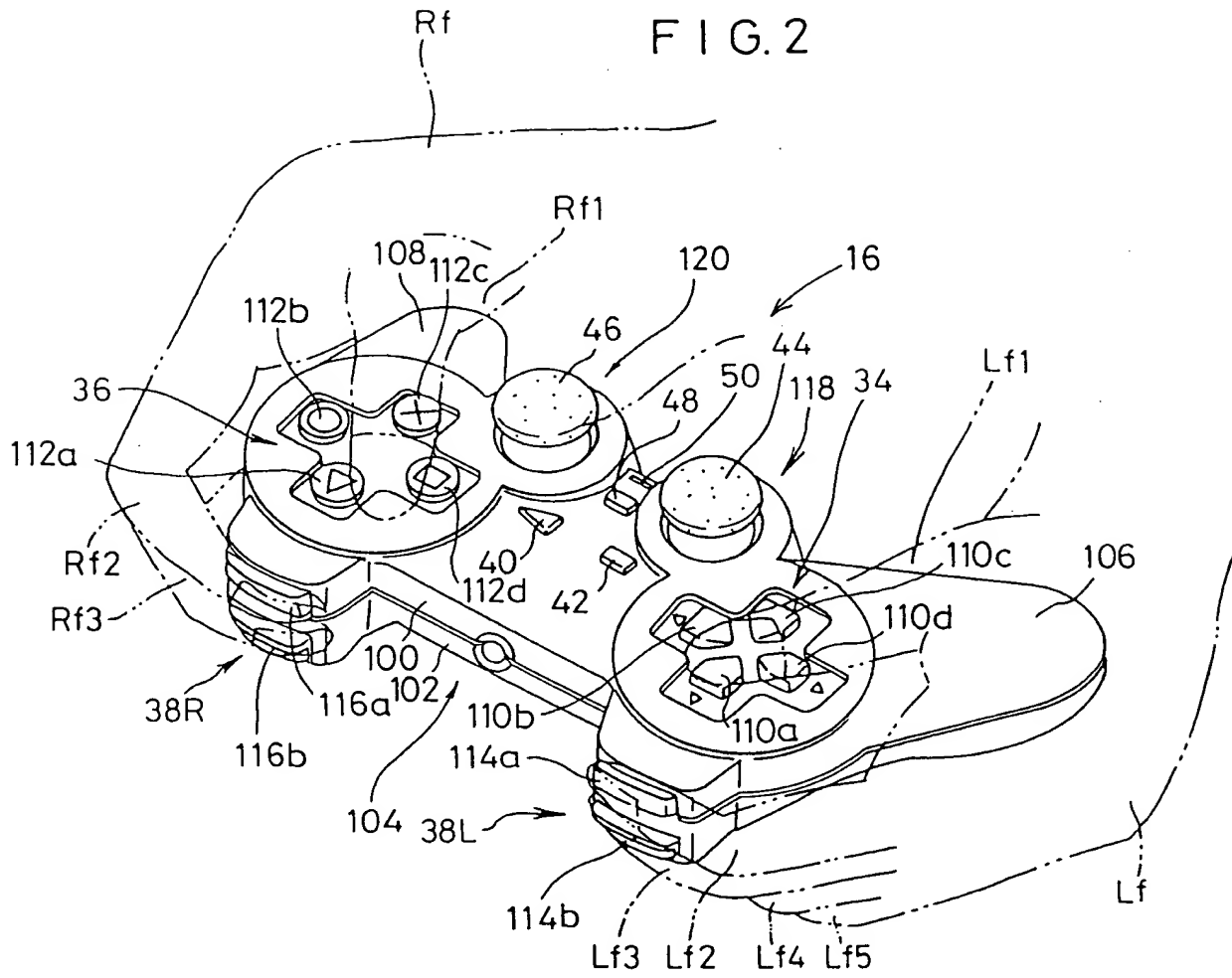
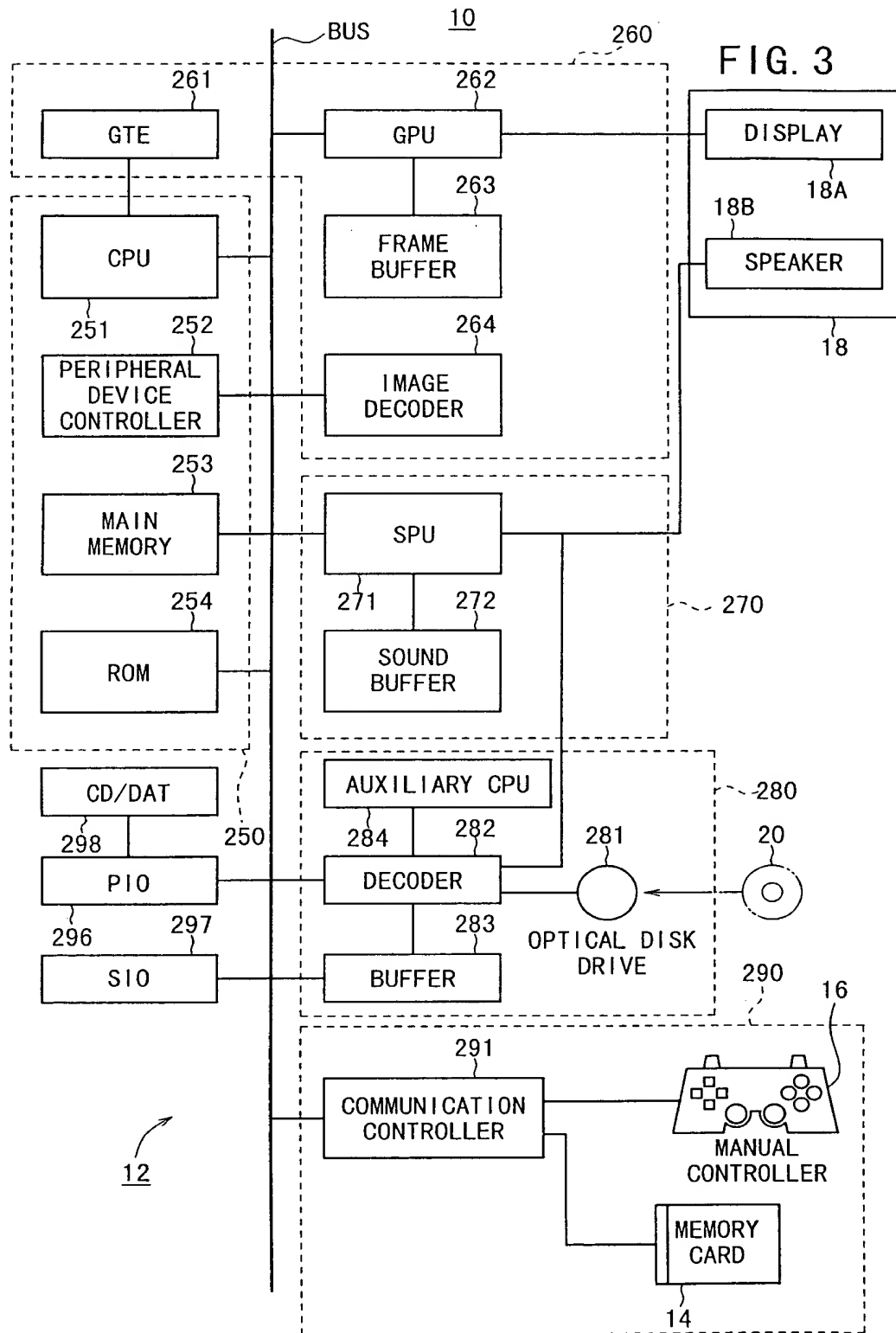


FIG. 2





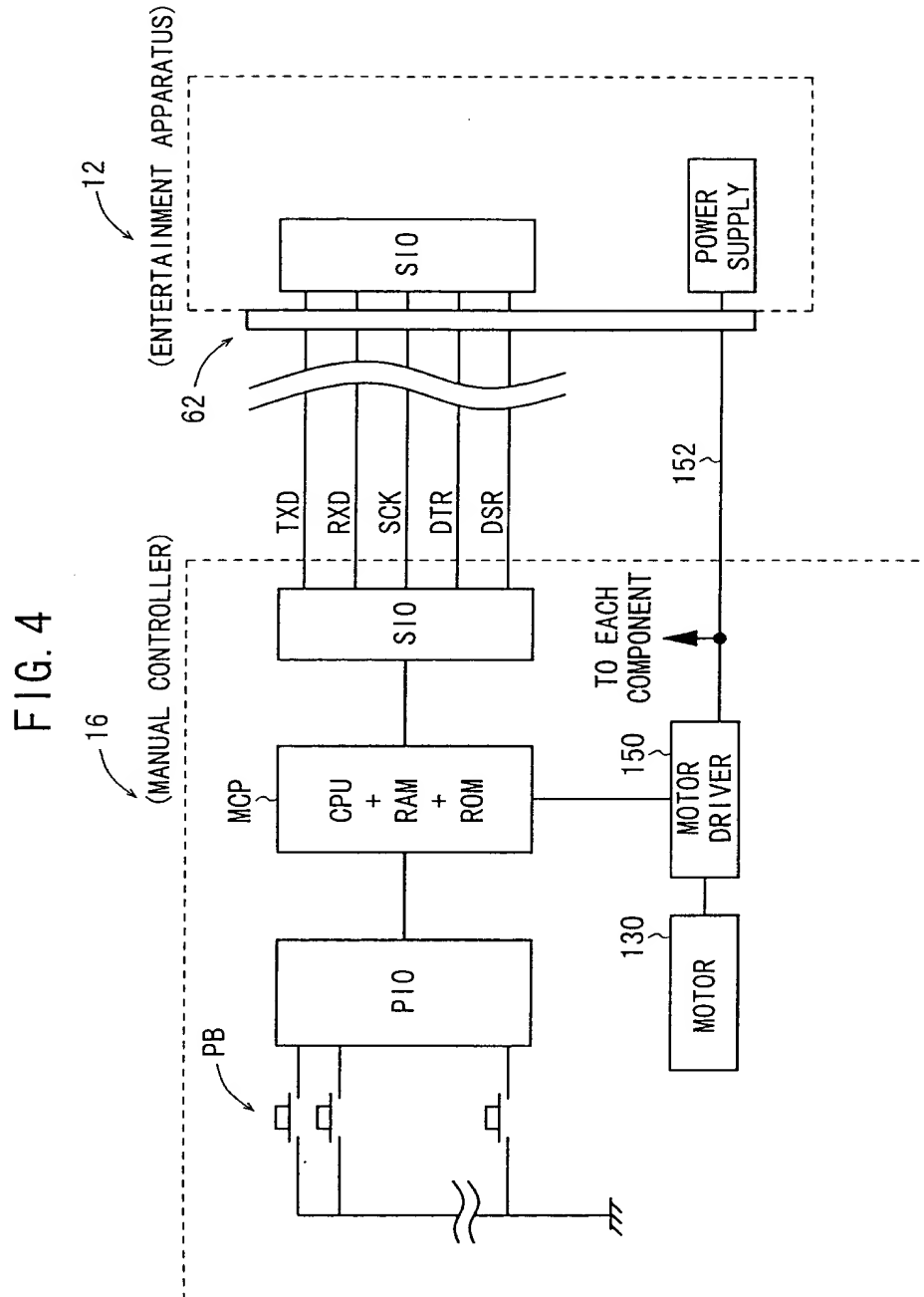
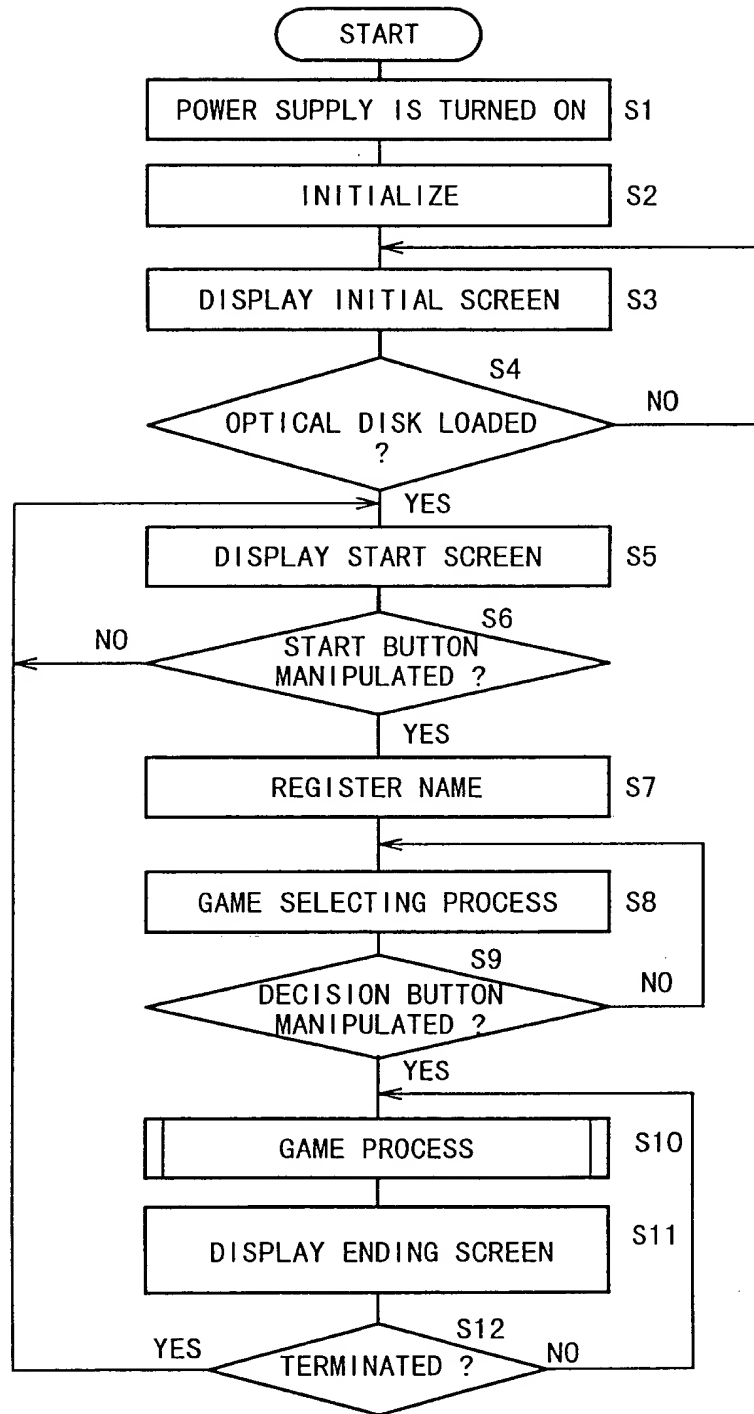


FIG. 5



300

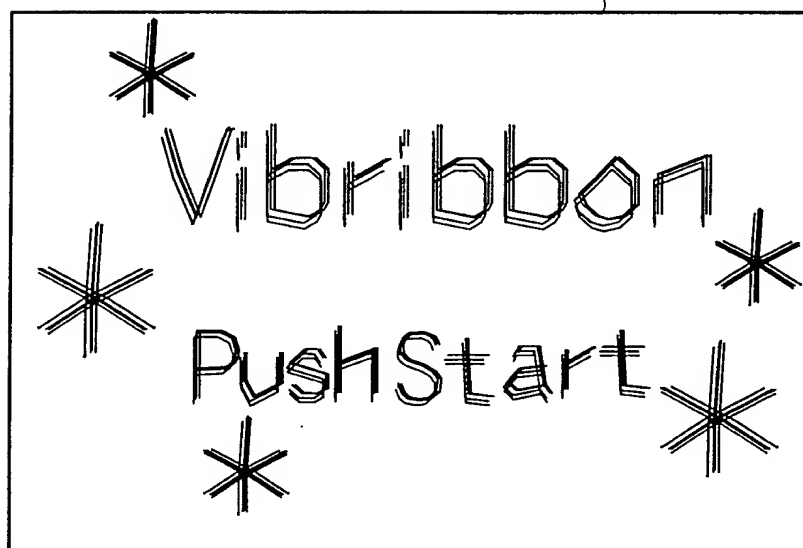
[illegible]

FIG. 7

302

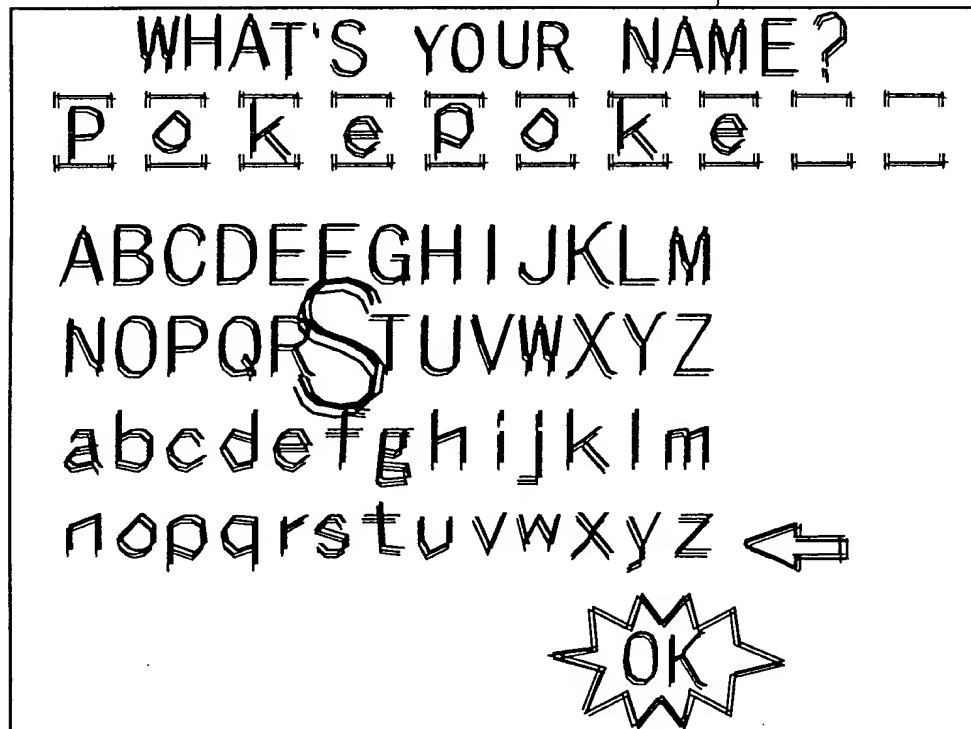


FIG. 8

304

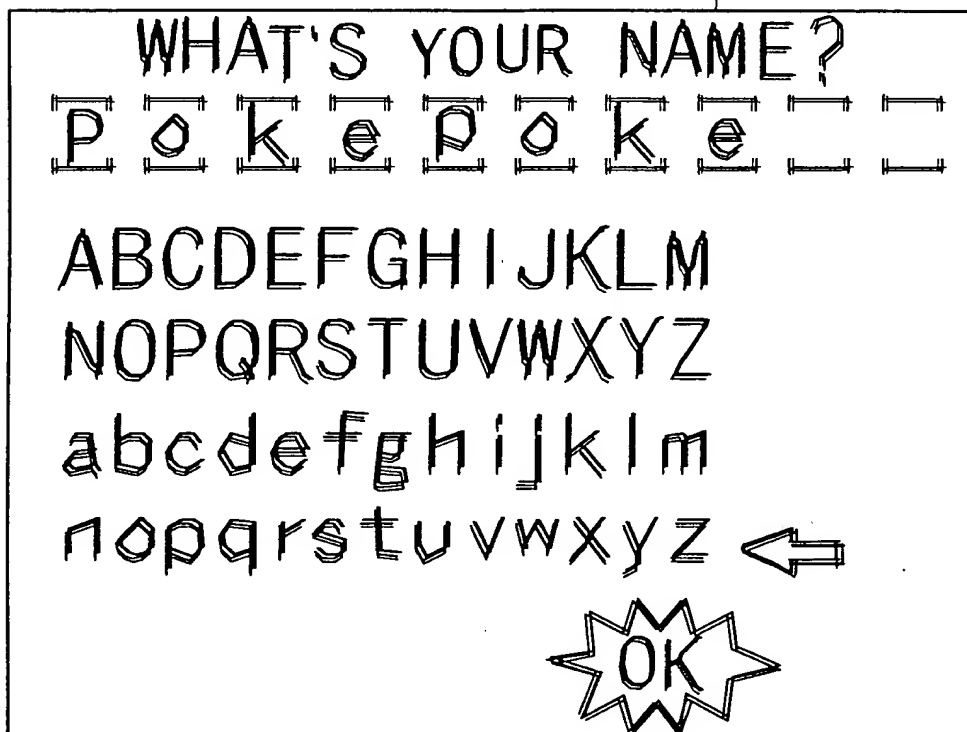
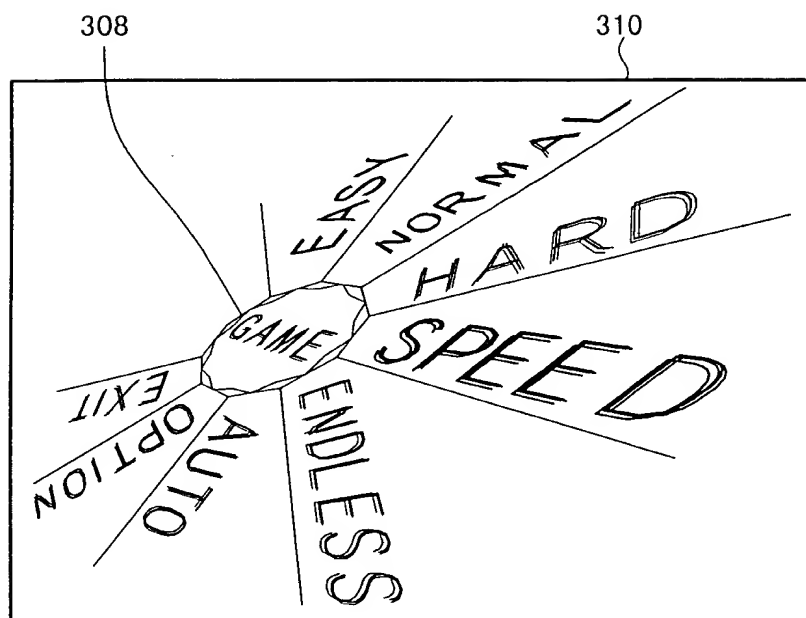


FIG. 8

[illegible]

FIG. 10



0095430.000001

FIG. 11

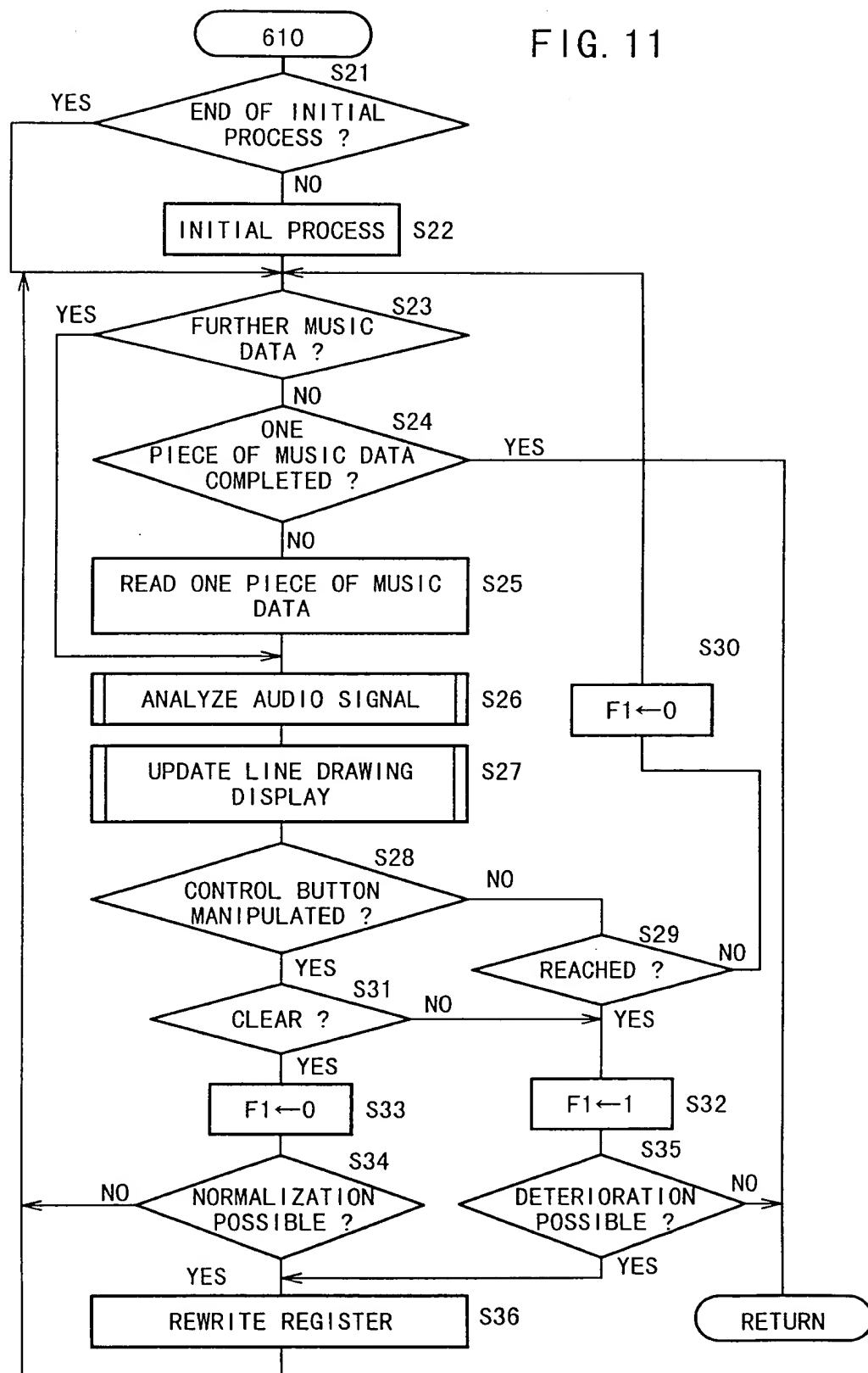


FIG.12

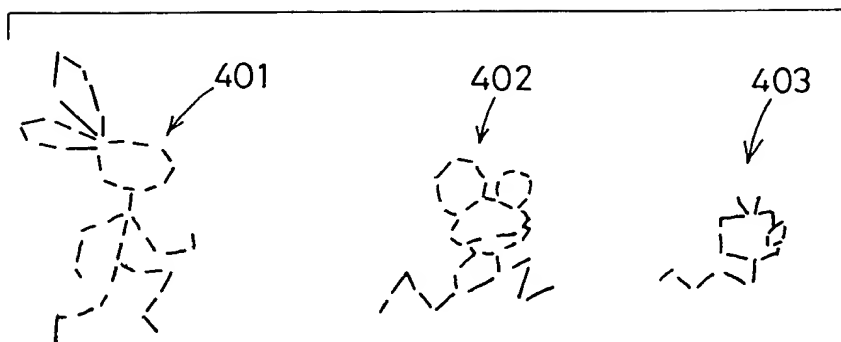


FIG.12

FIG. 13

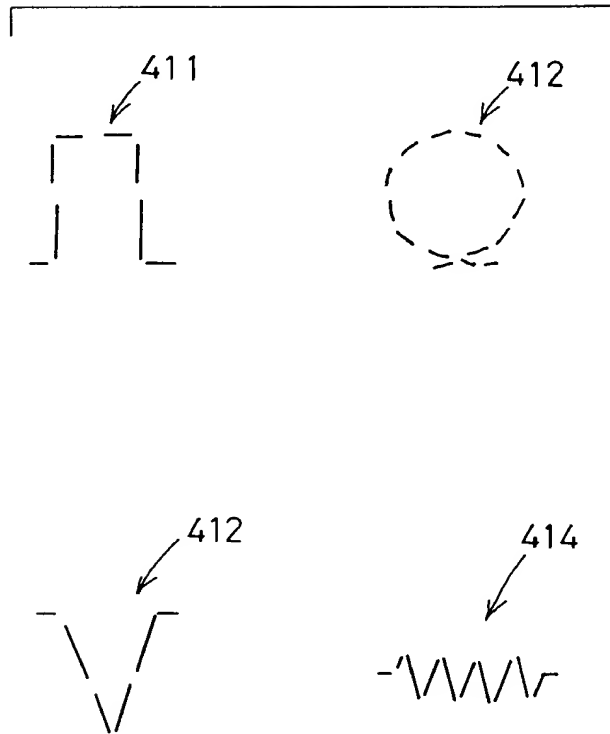


FIG. 13

F I G.14

420

[illegible]

FIG. 15

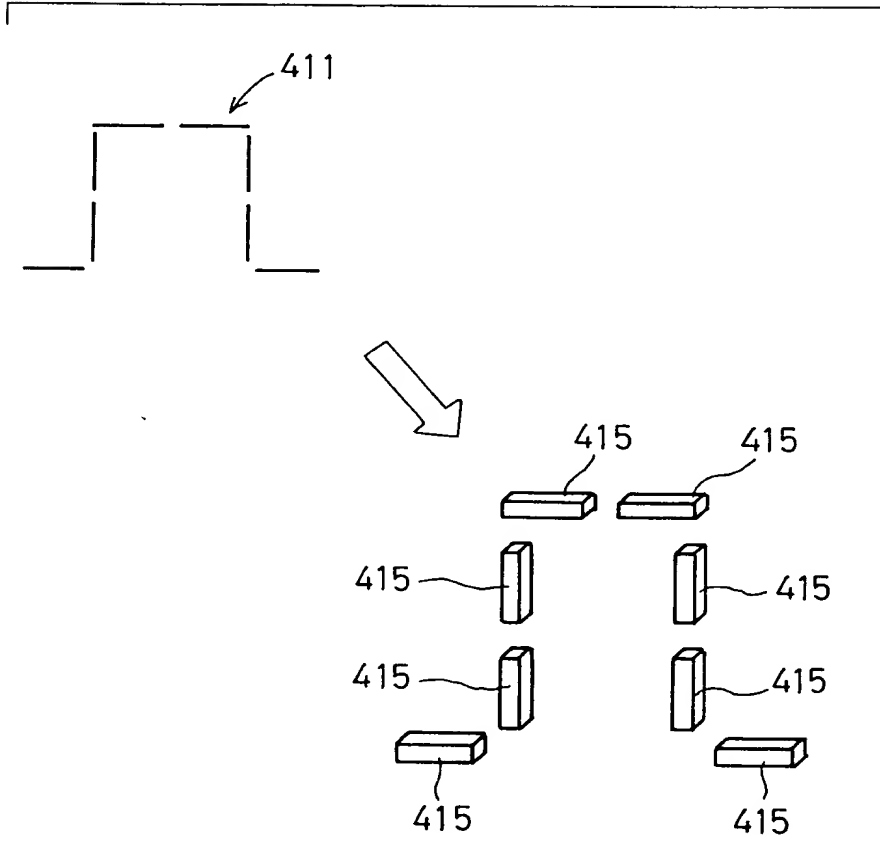


FIG. 16

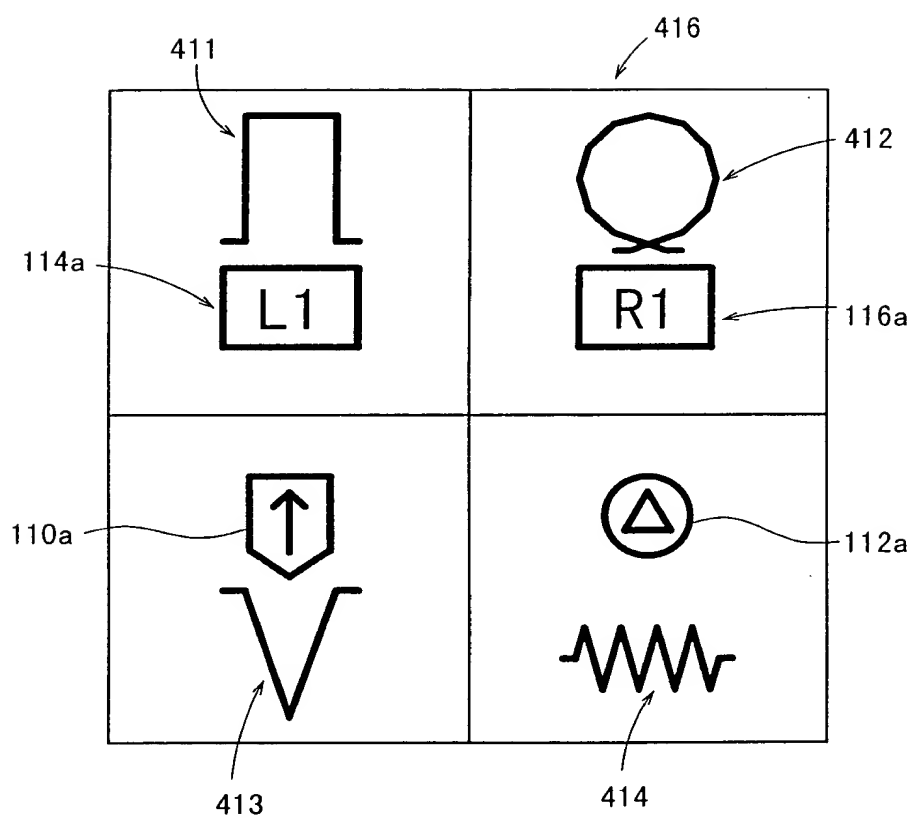


FIG. 17

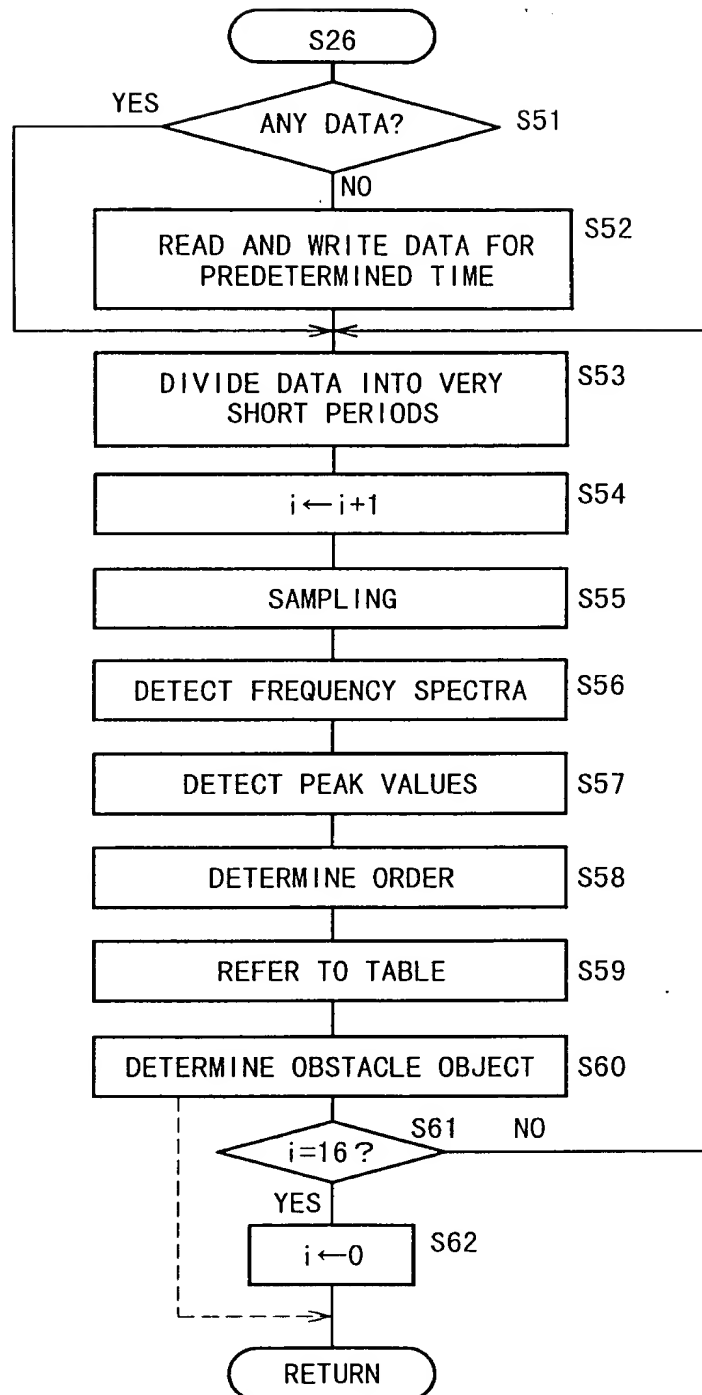


FIG. 18





P		OBSTACLE OBJECT
$f_l < f_c$	$f_h > f_c$	
$f_{l1} \ f_{l2} \ f_{l3}$	$f_{h1} \ f_{h2} \ f_{h3}$	
⋮	⋮	⋮
$f_{l3} \ f_{l2} \ f_{l1}$	$f_{h3} \ f_{h2} \ f_{h1}$	

FIG. 19

Q				OBSTACLE OBJECT	
+	+	+	+		411
-	-	-	-		414

103250-0272360

FIG. 20

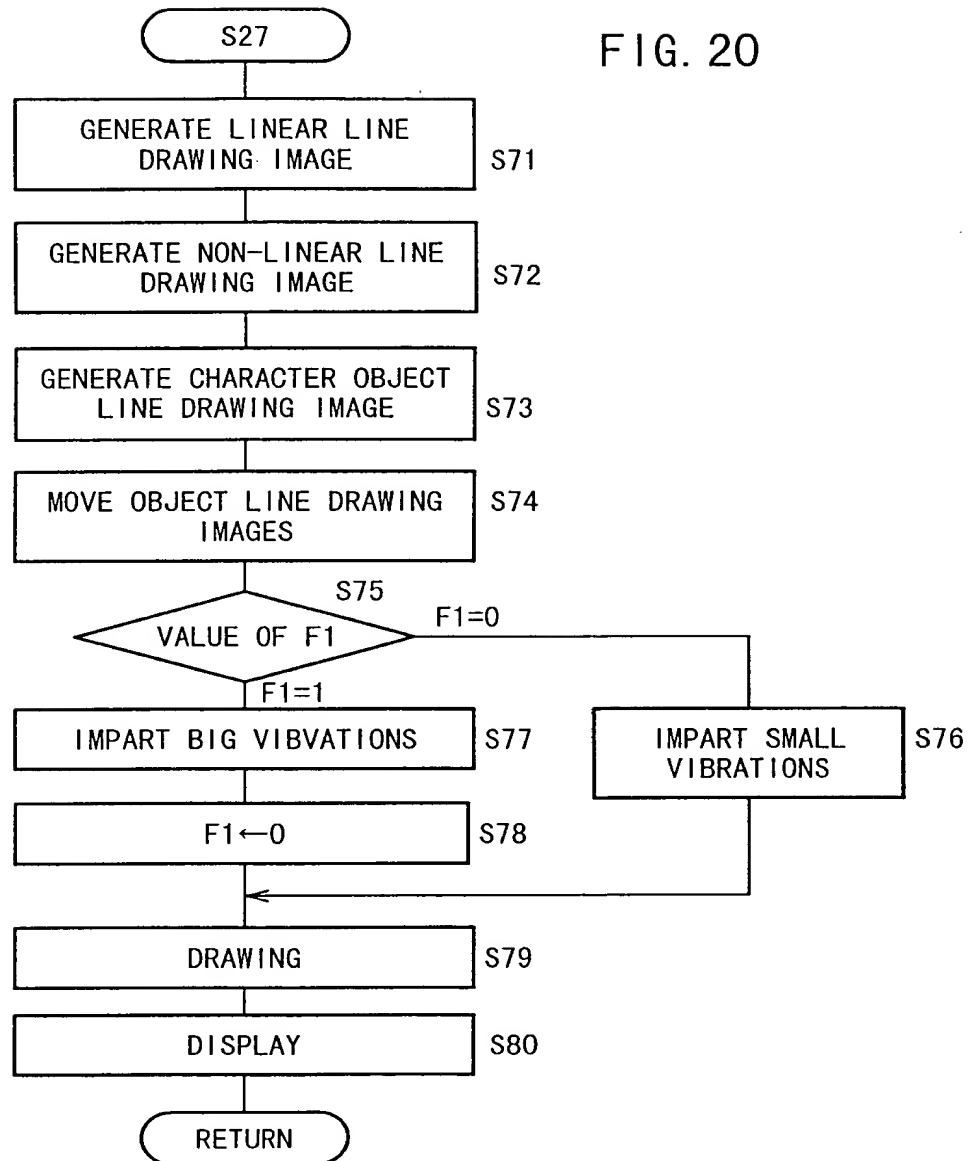


FIG. 21

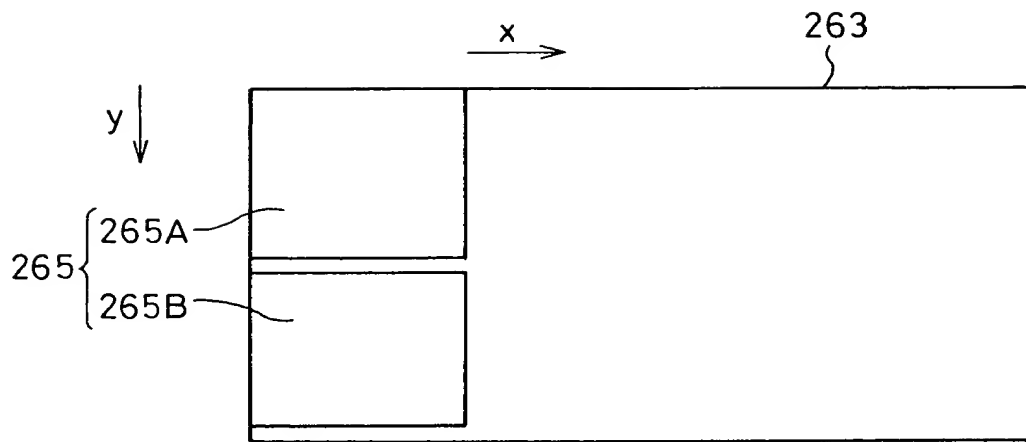
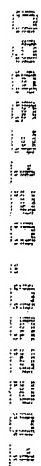


Diagram 430 illustrates a stick figure 401Ia running on a dashed line 415I. A force vector F is shown pointing up and to the right, and a force vector E is shown pointing down and to the right. A label 420Ia points to the dashed line. The entire diagram is labeled 430.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100



432

401Ib

411Ib

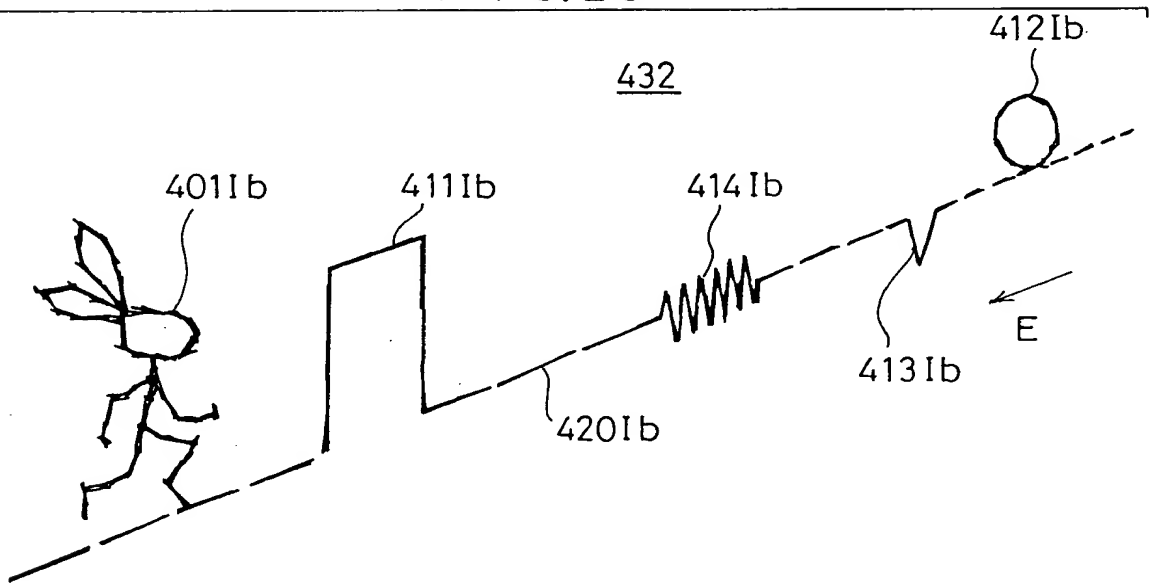
414Ib

412Ib

420Ib

413Ib

E



434

401Ic

411Ic

412Ic

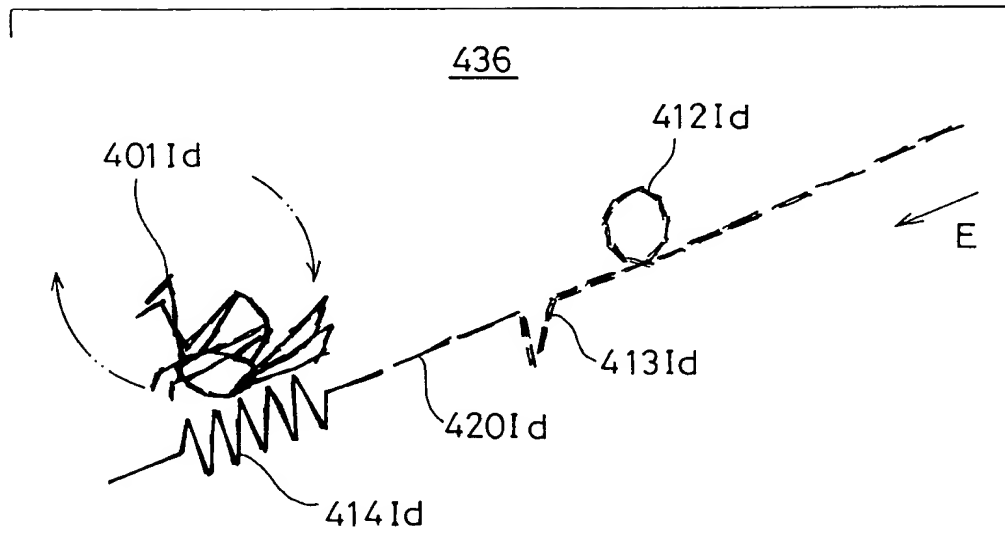
413Ic

414Ic

420Ic

E

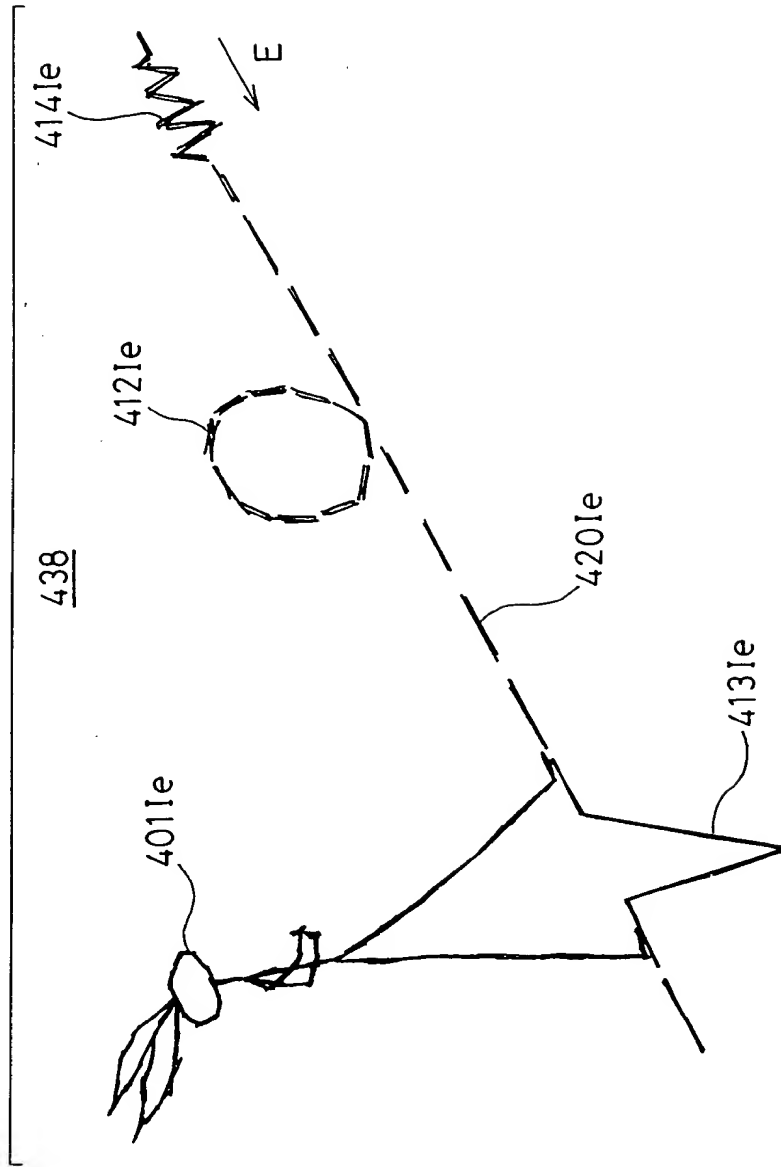
FIG. 27



436 401Id 412Id 413Id 414Id 420Id E

FIG. 28

FIG. 28



102250-0212960

FIG. 29

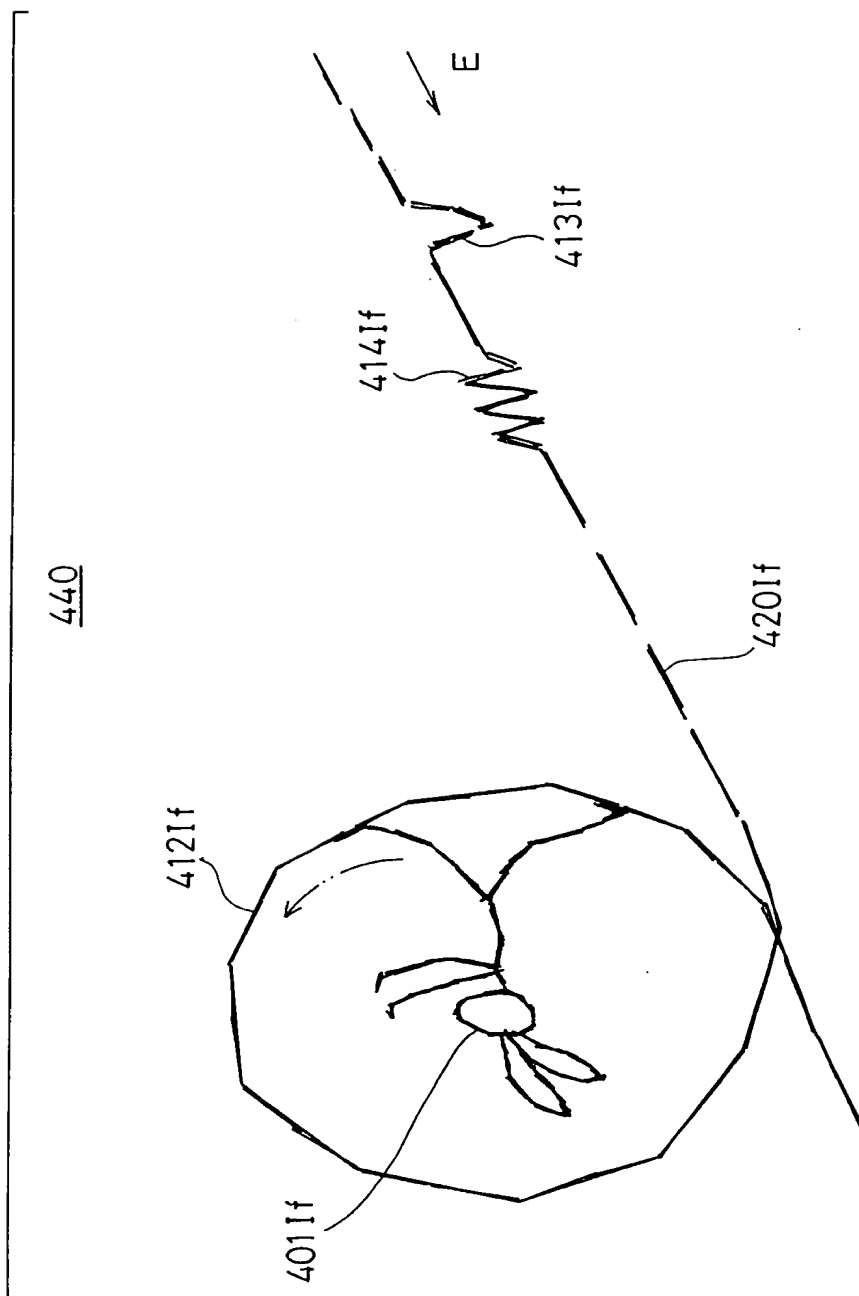


FIG. 30

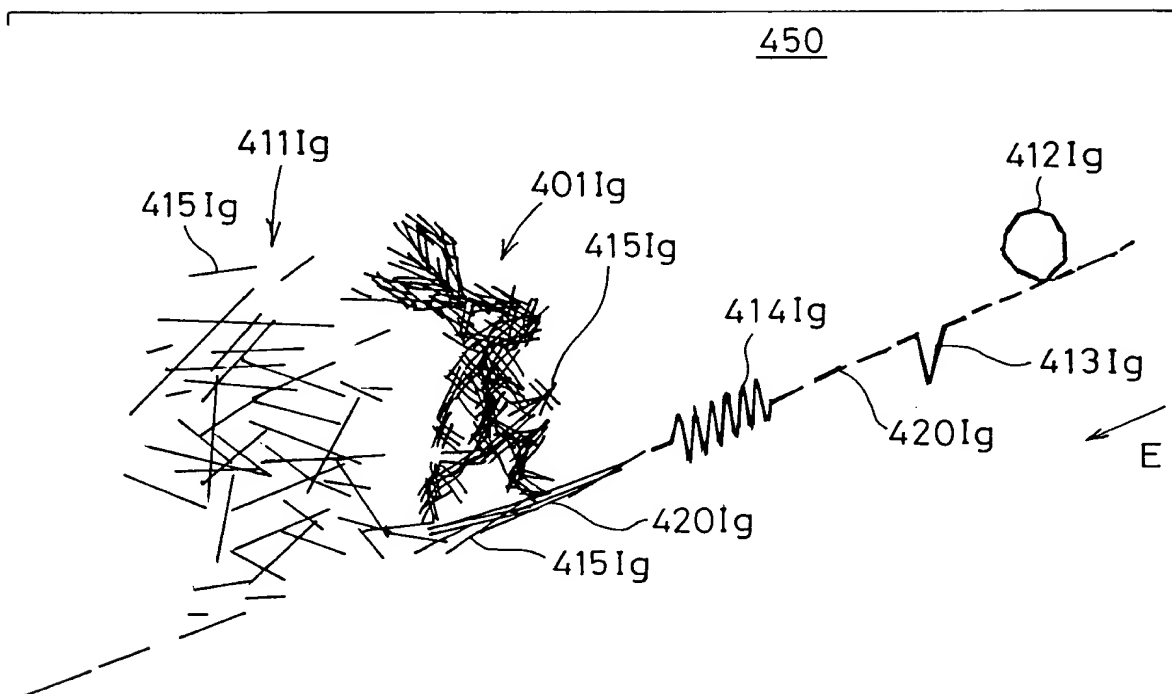


FIG. 31

452

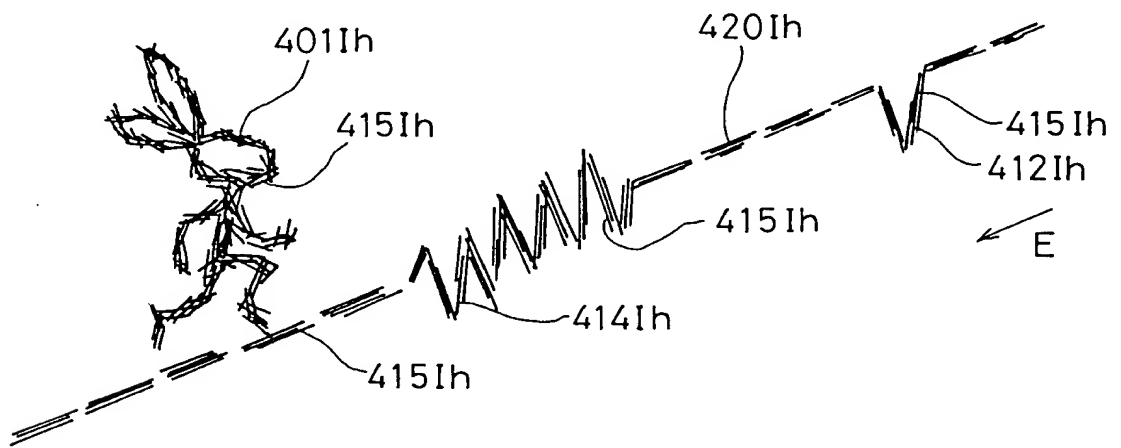


FIG. 31

FIG. 32

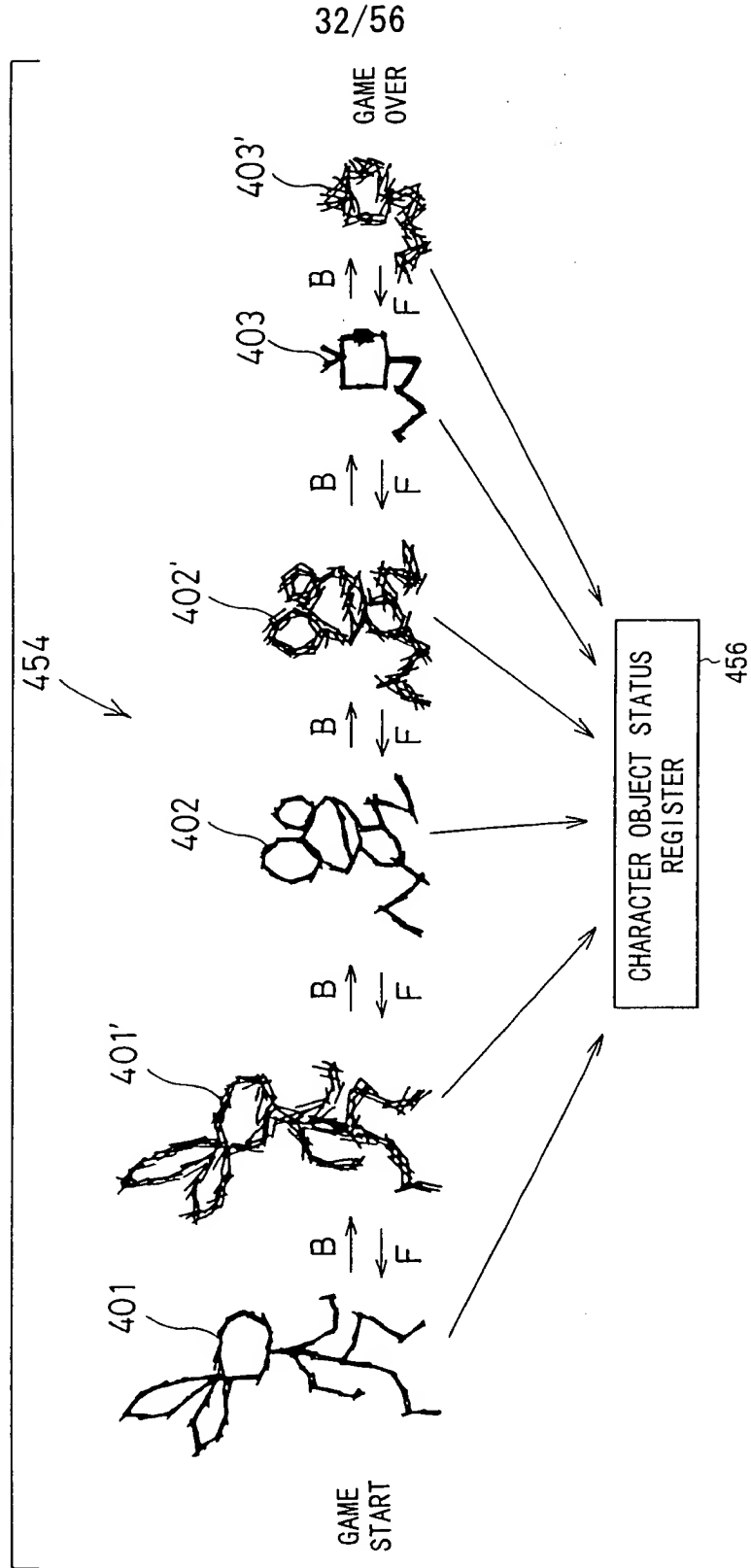
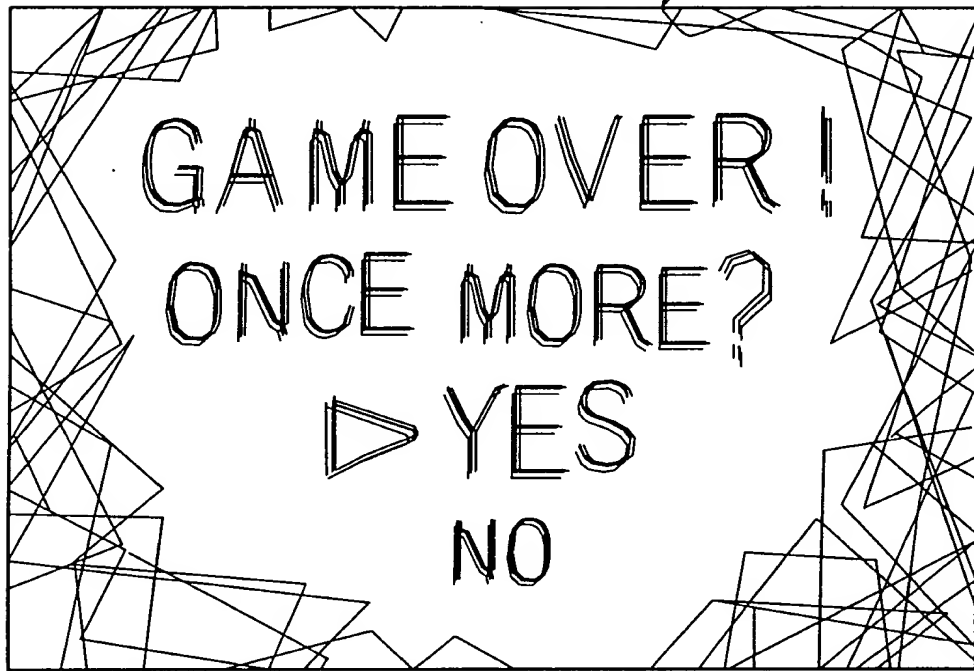


FIG. 33

457



457

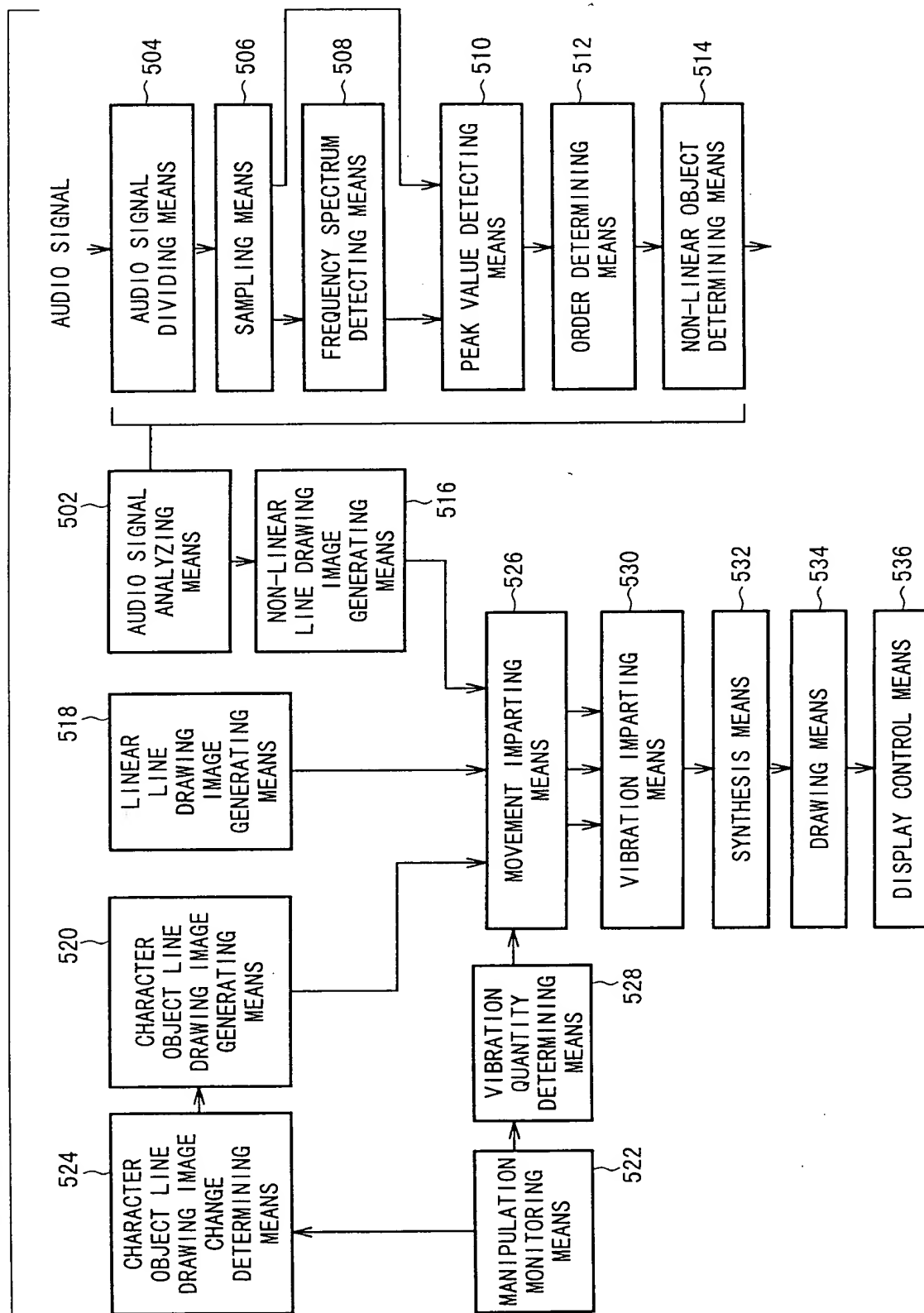
FIG. 35

460



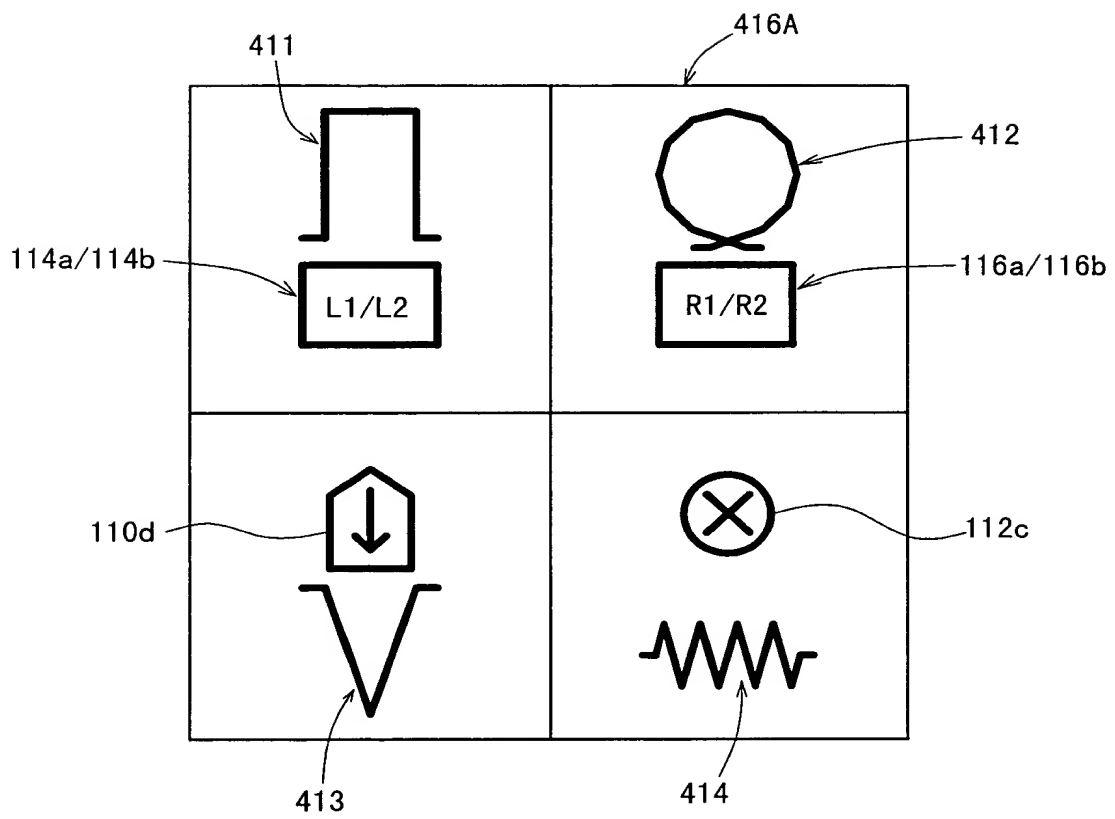
09863420 052204
T02250 02F29860

FIG. 36



40250 DAT 29800

FIG. 37



F I G . 3 8

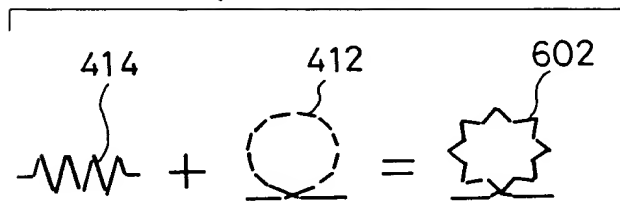


FIG. 39

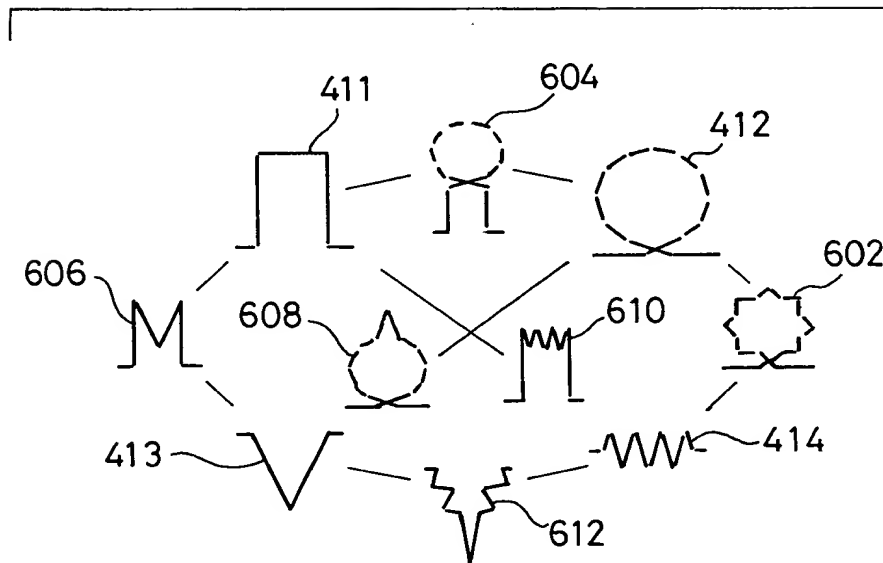


FIG. 39

FIG. 40

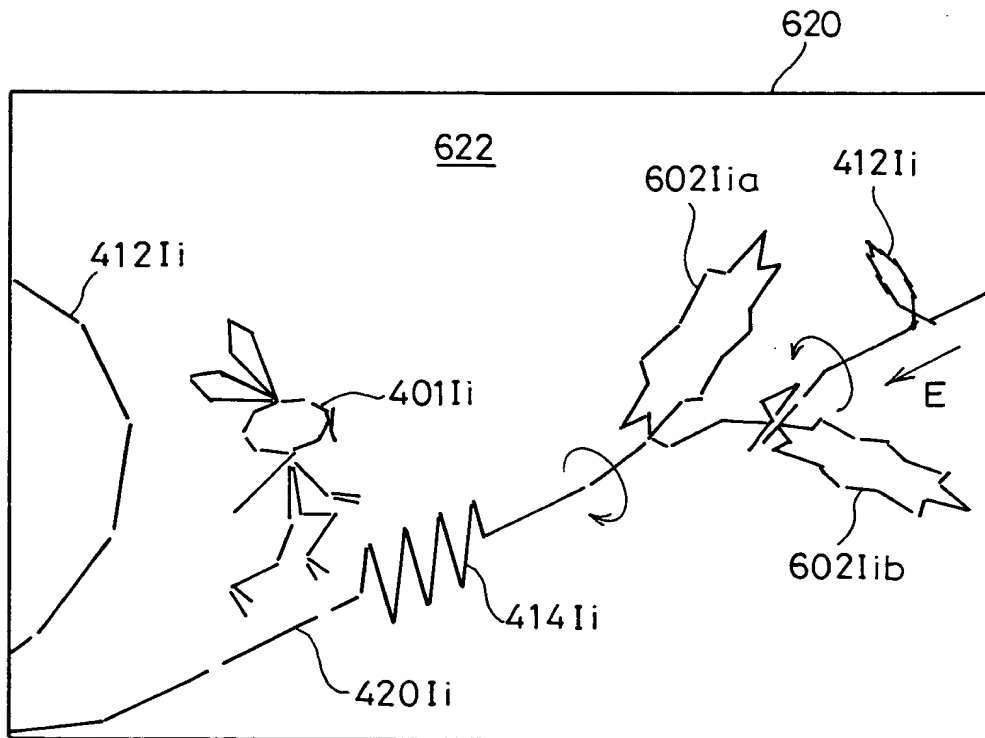


FIG. 40

FIG. 41

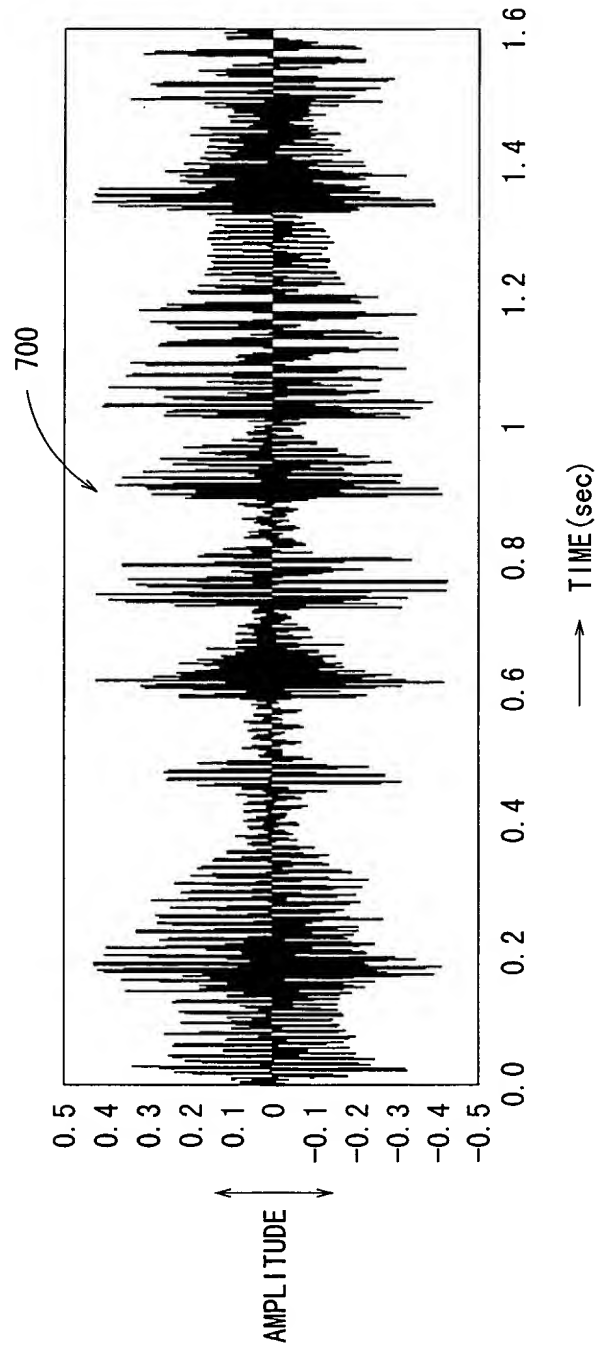


FIG. 42

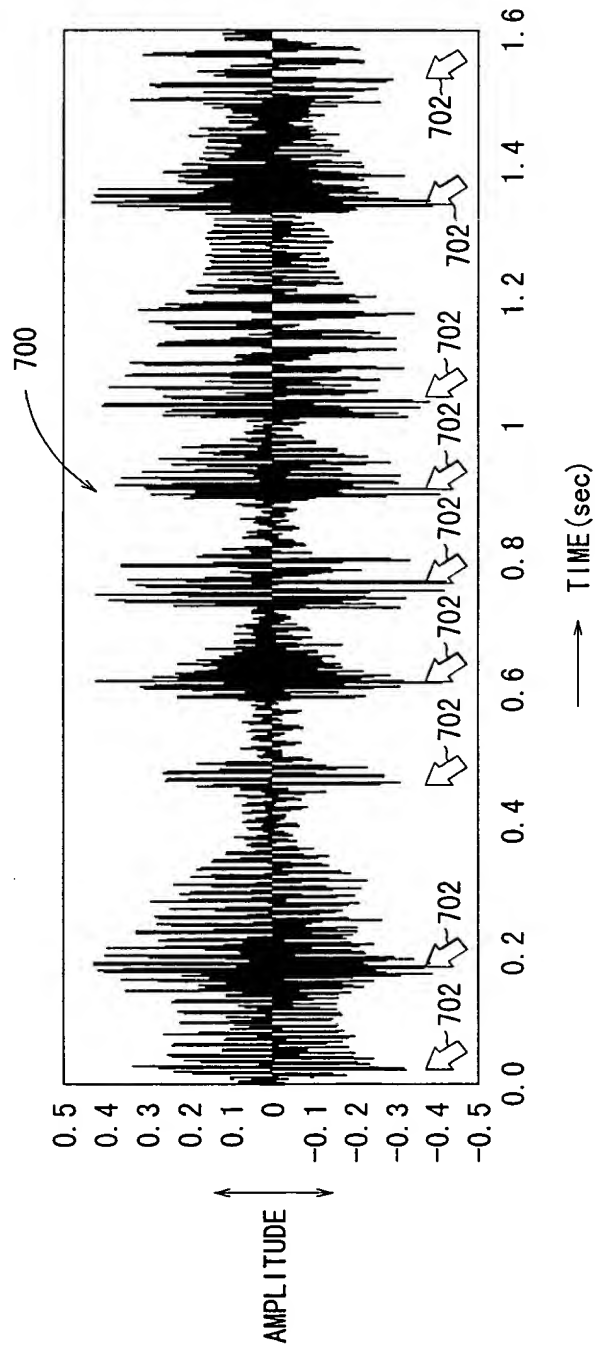
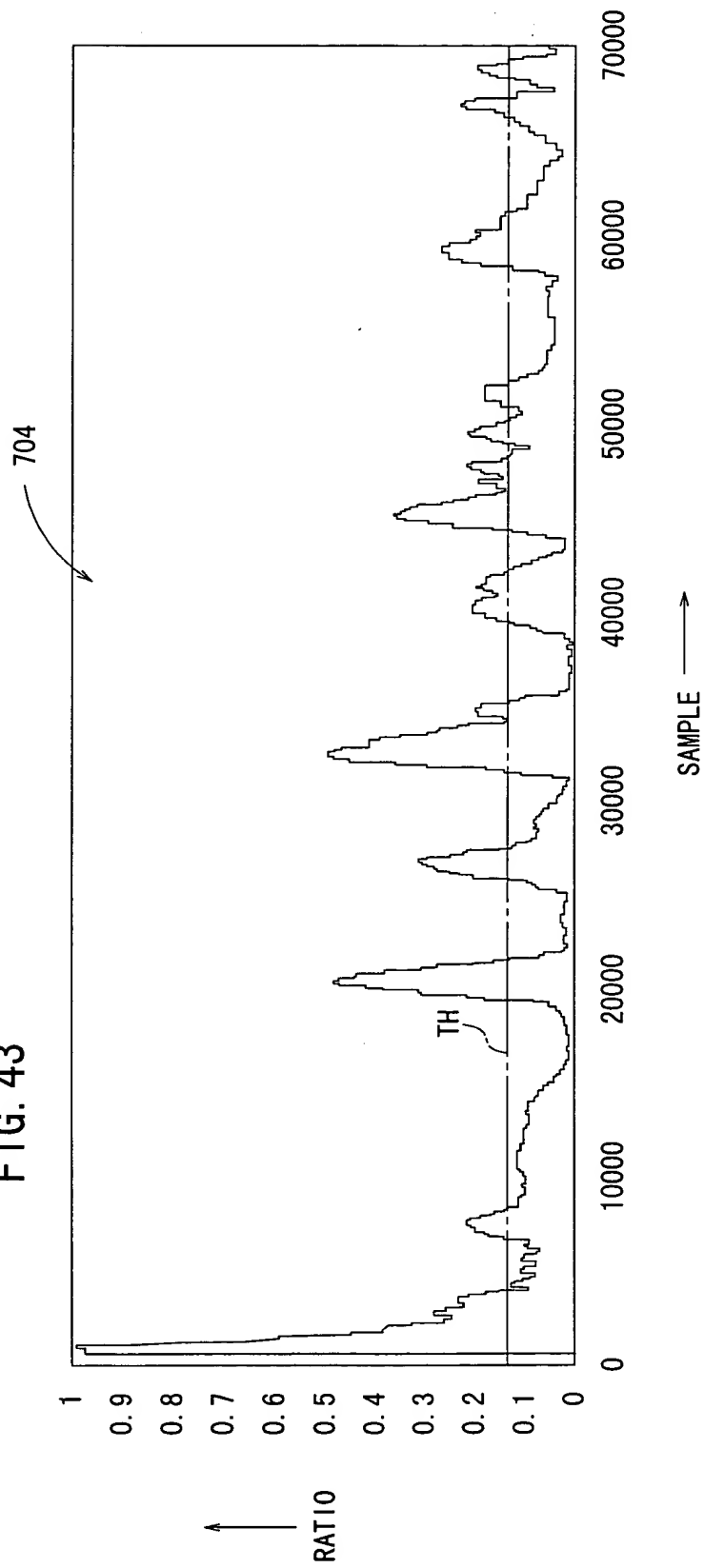


FIG. 43



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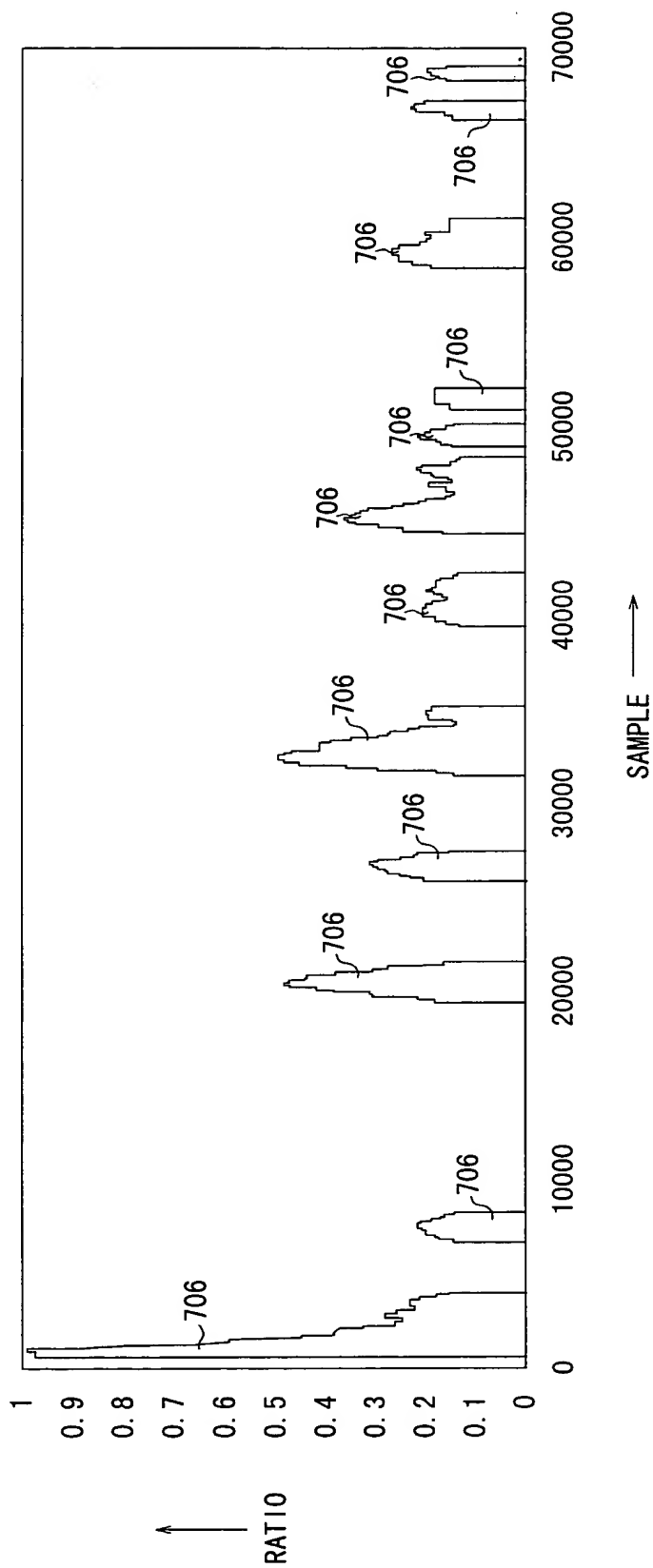


FIG. 45

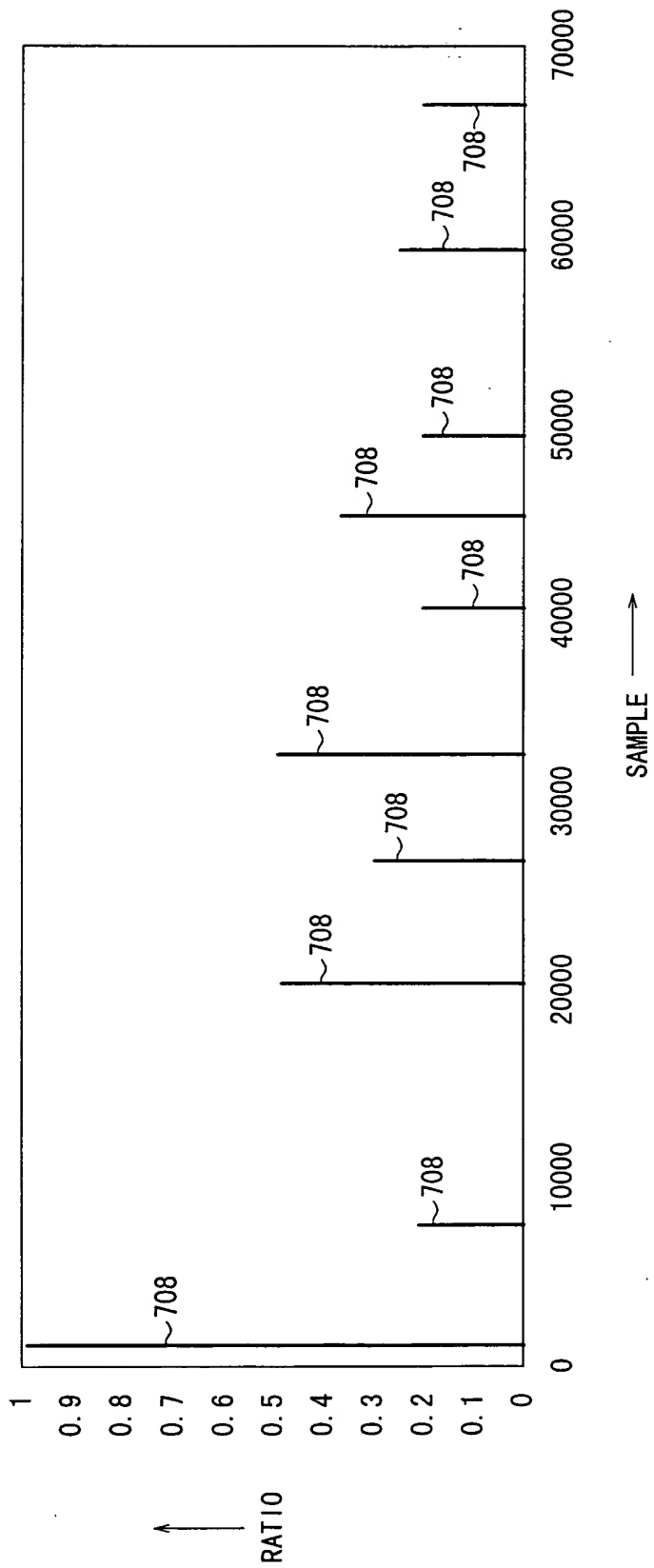


FIG. 46

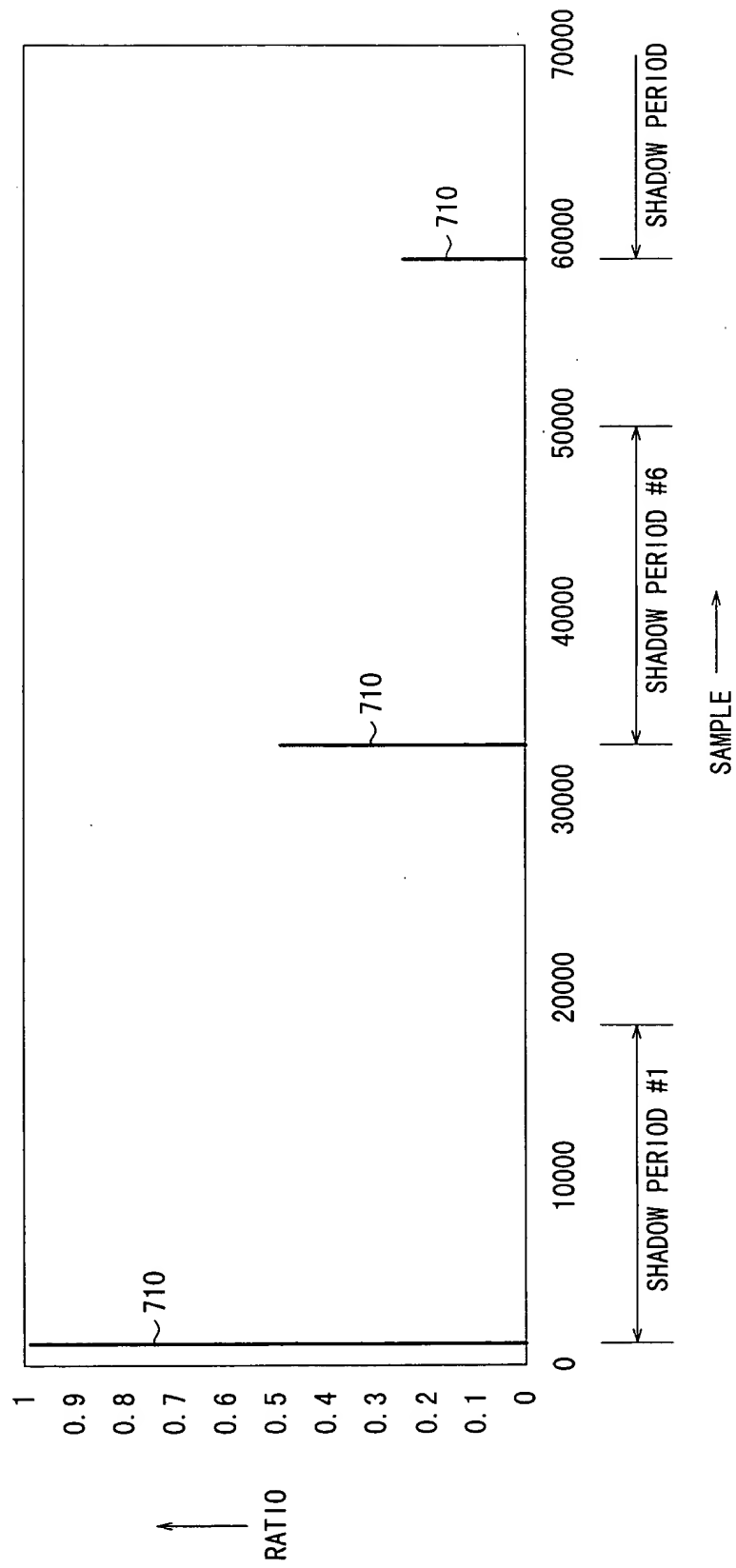


FIG. 47

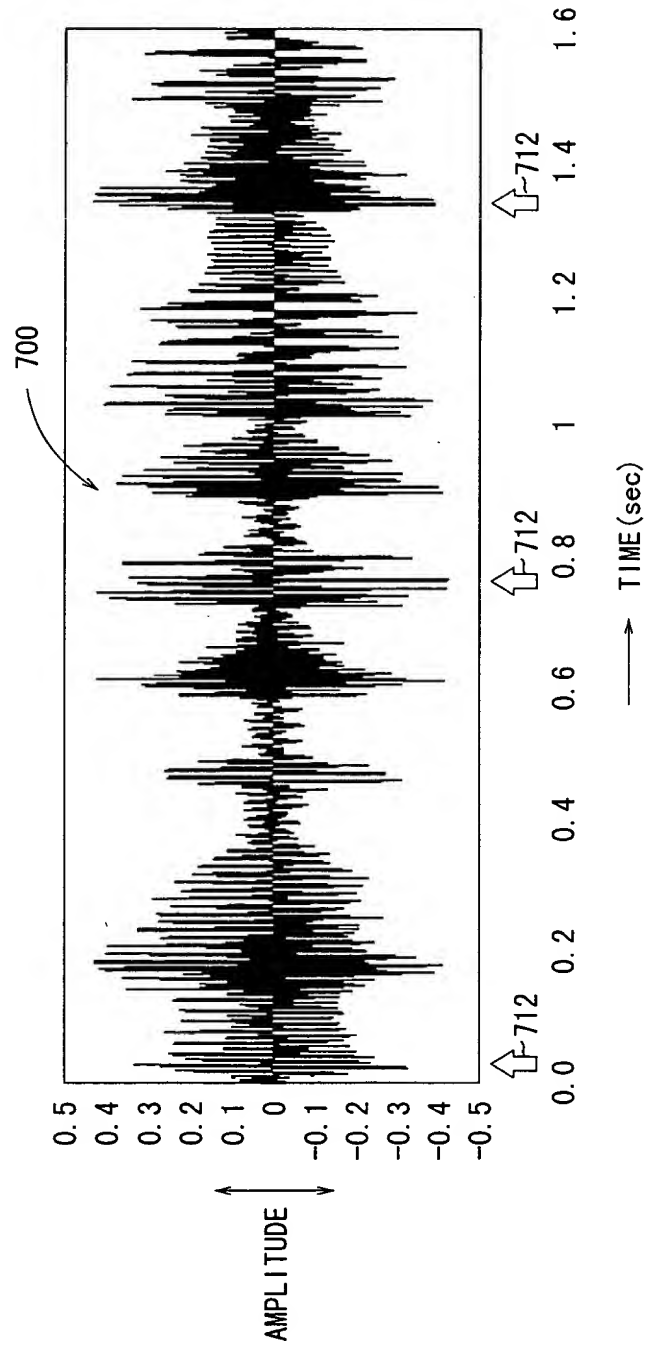
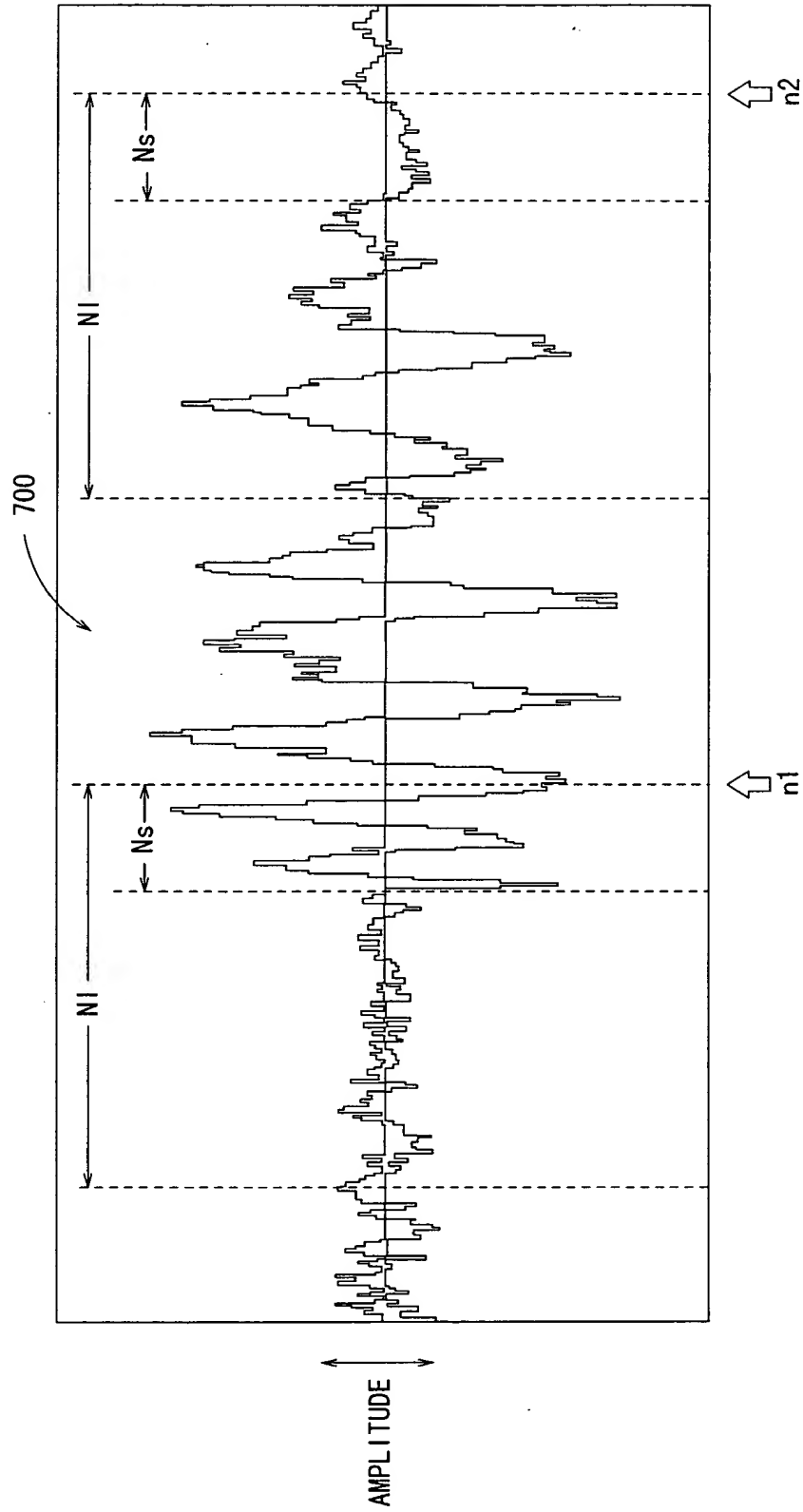


FIG. 48



FOUO 02169869

FIG. 49

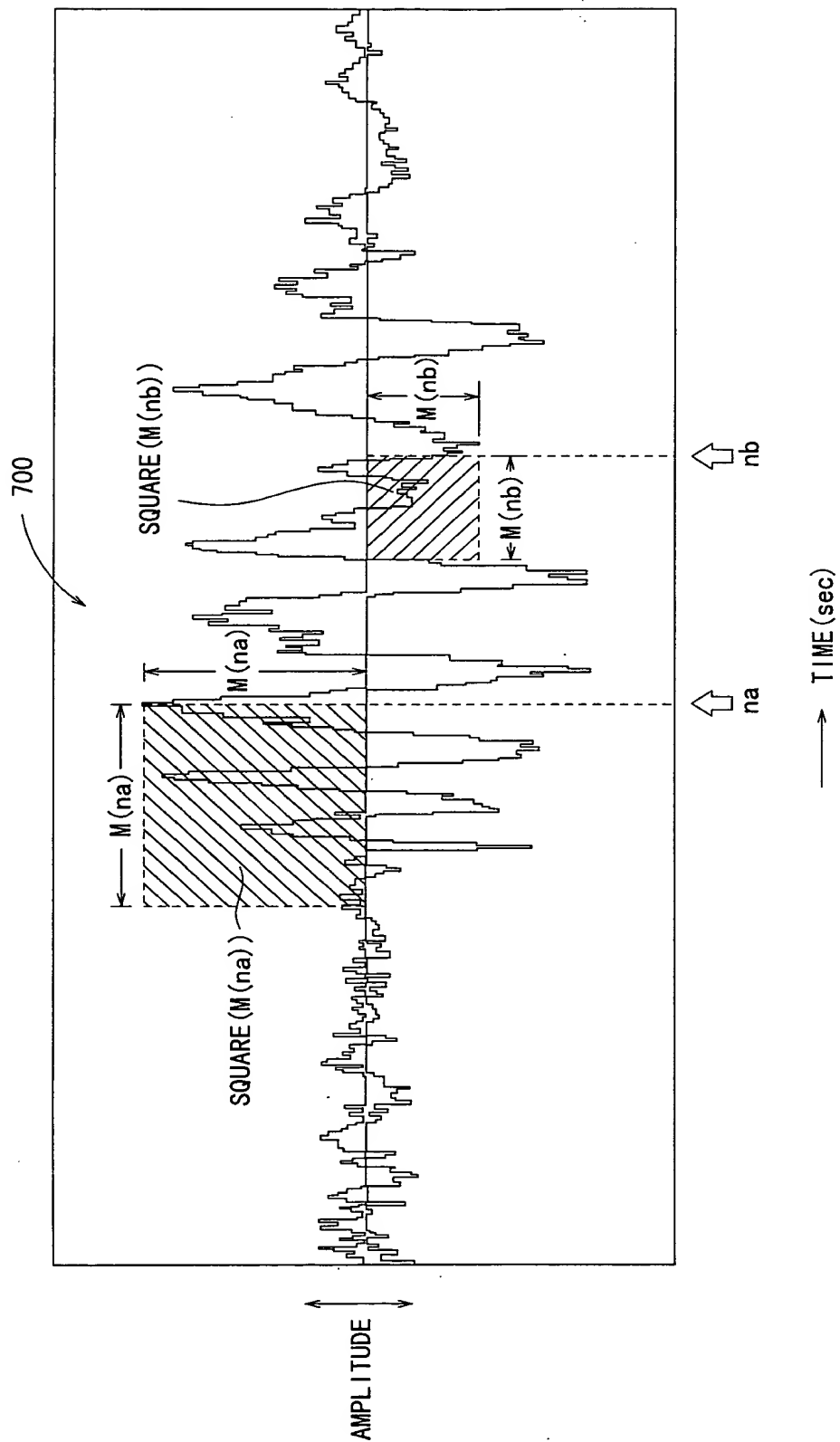


FIG. 50

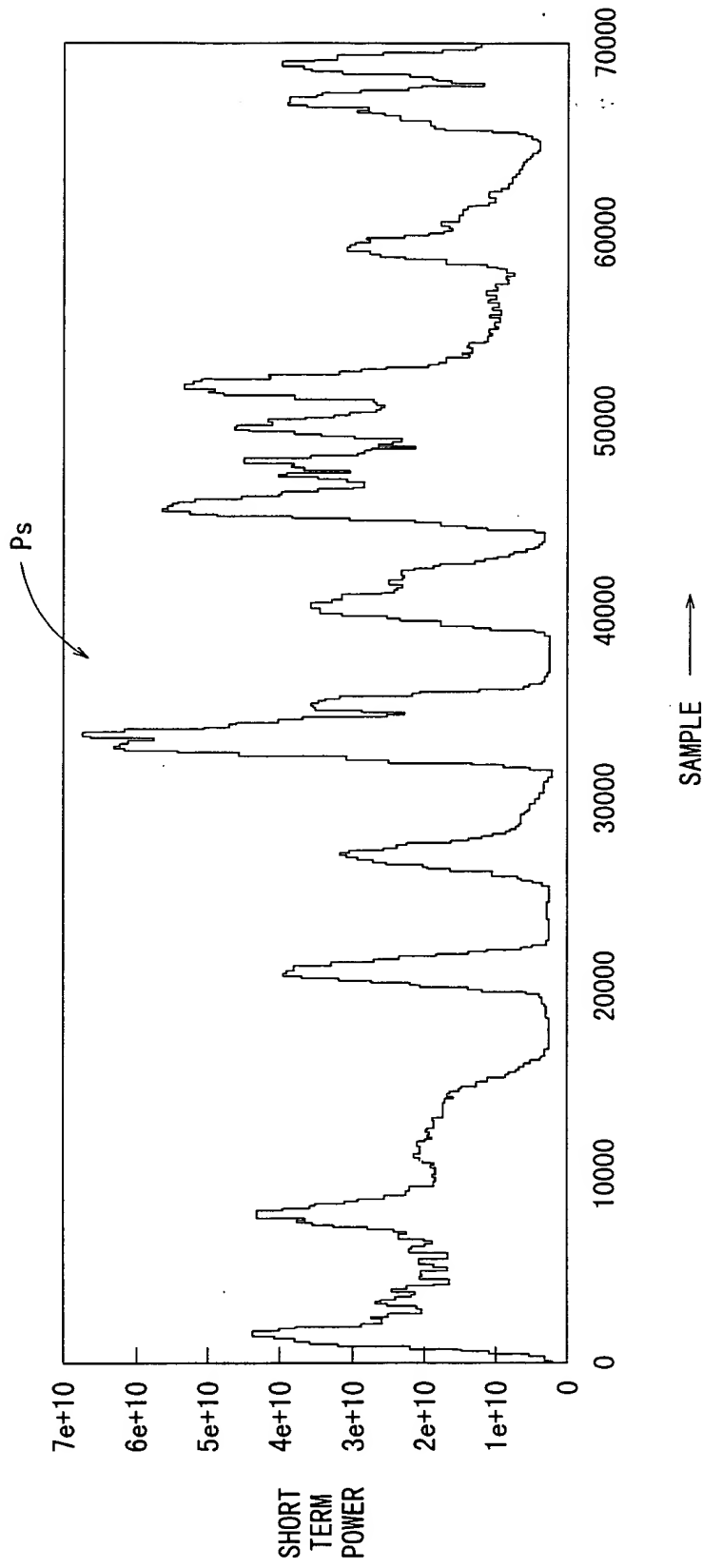


FIG. 51

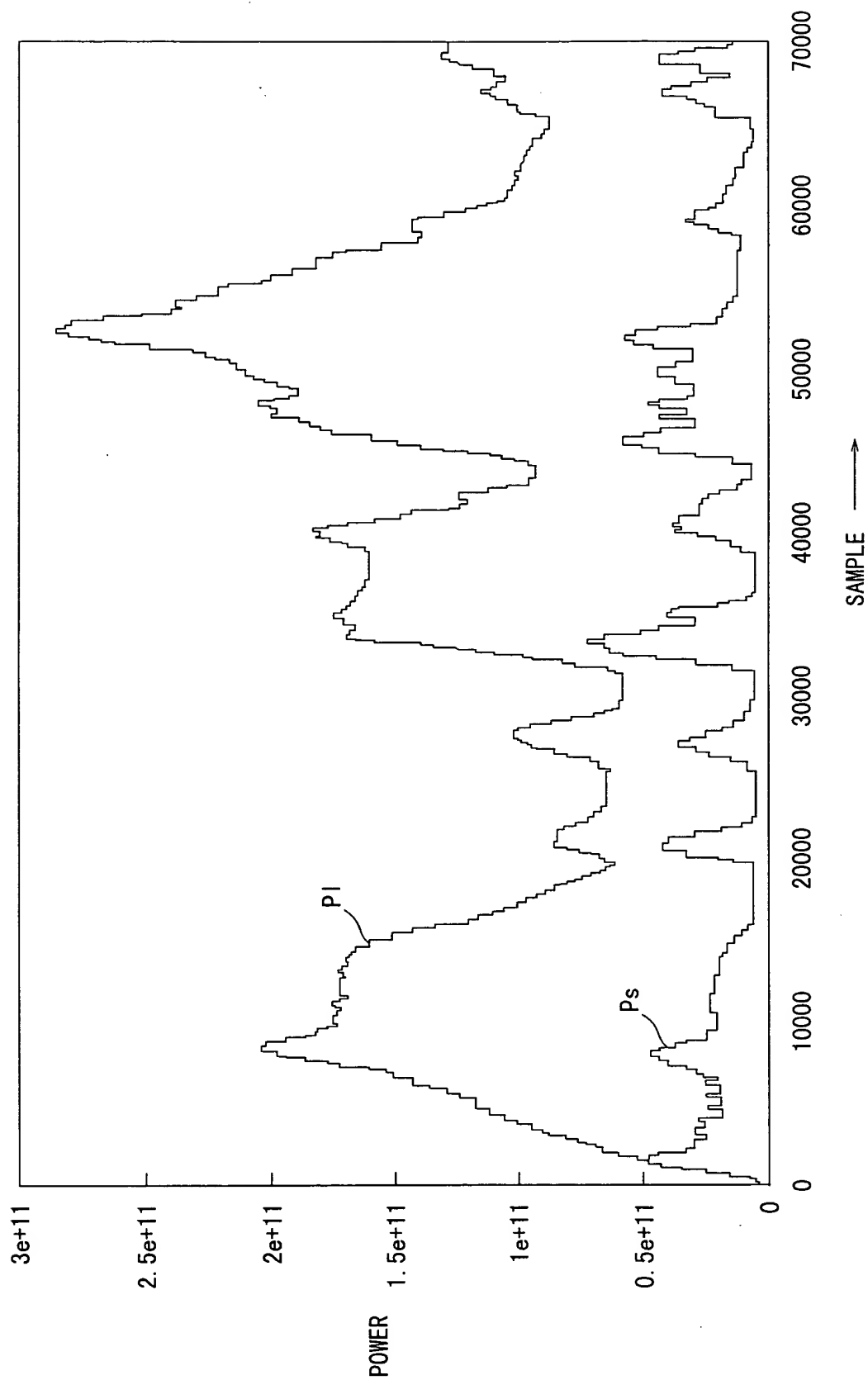


FIG. 52

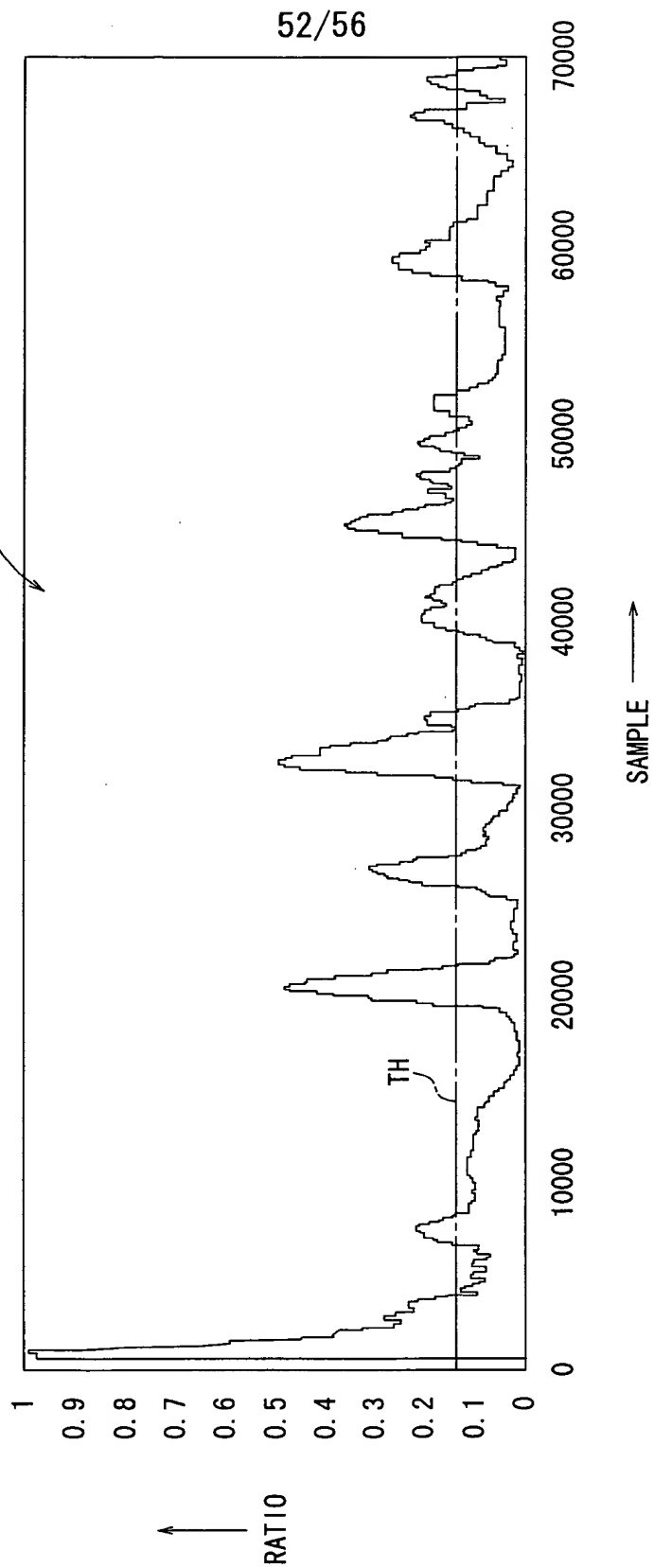


FIG. 53

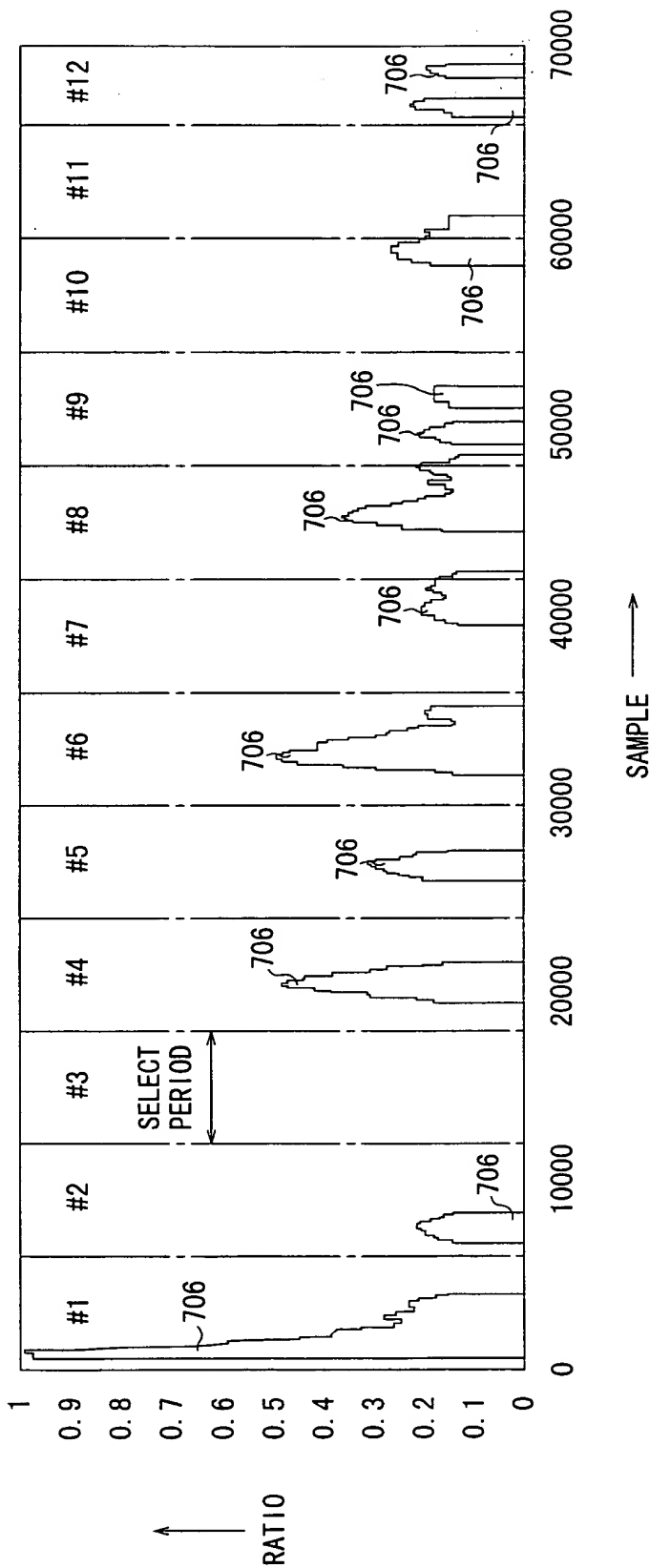


FIG. 54

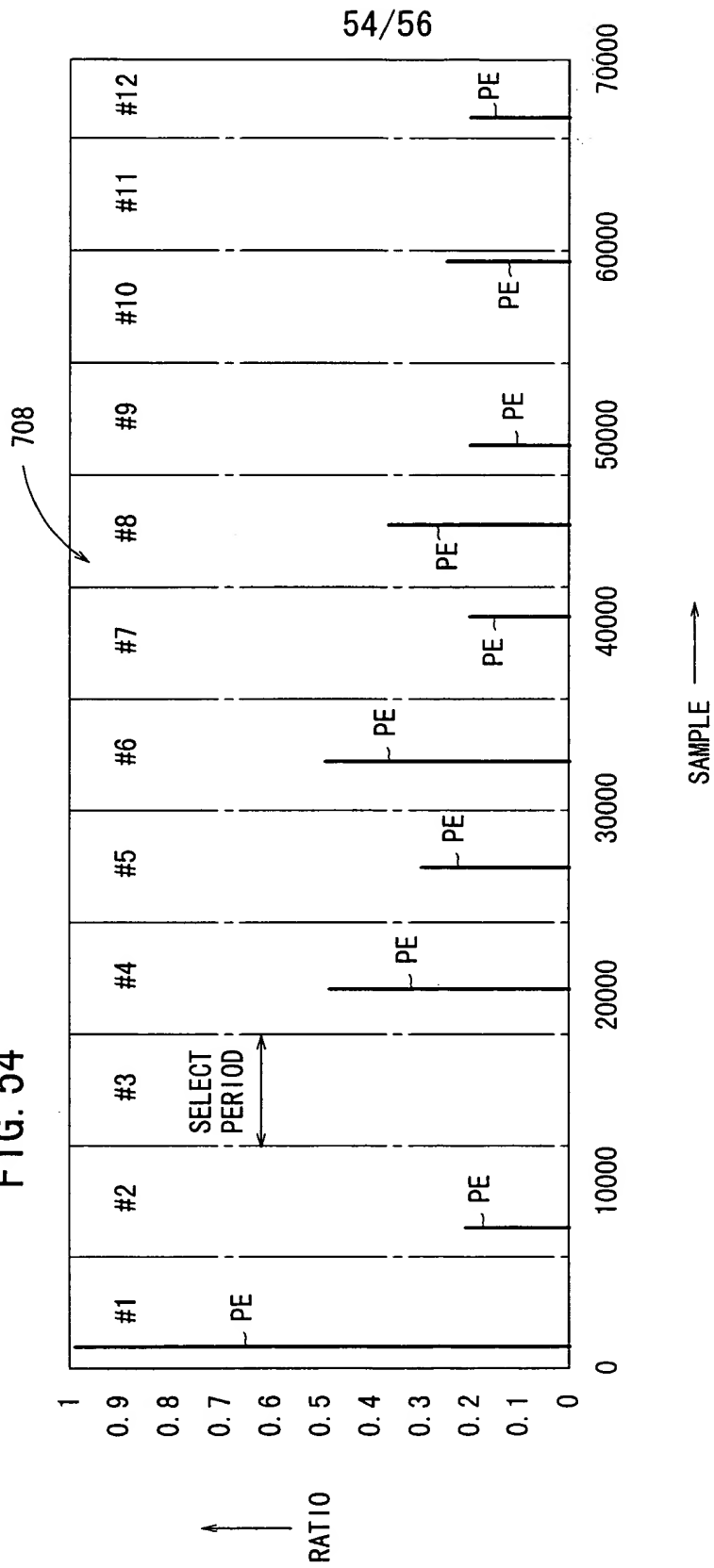


FIG. 55

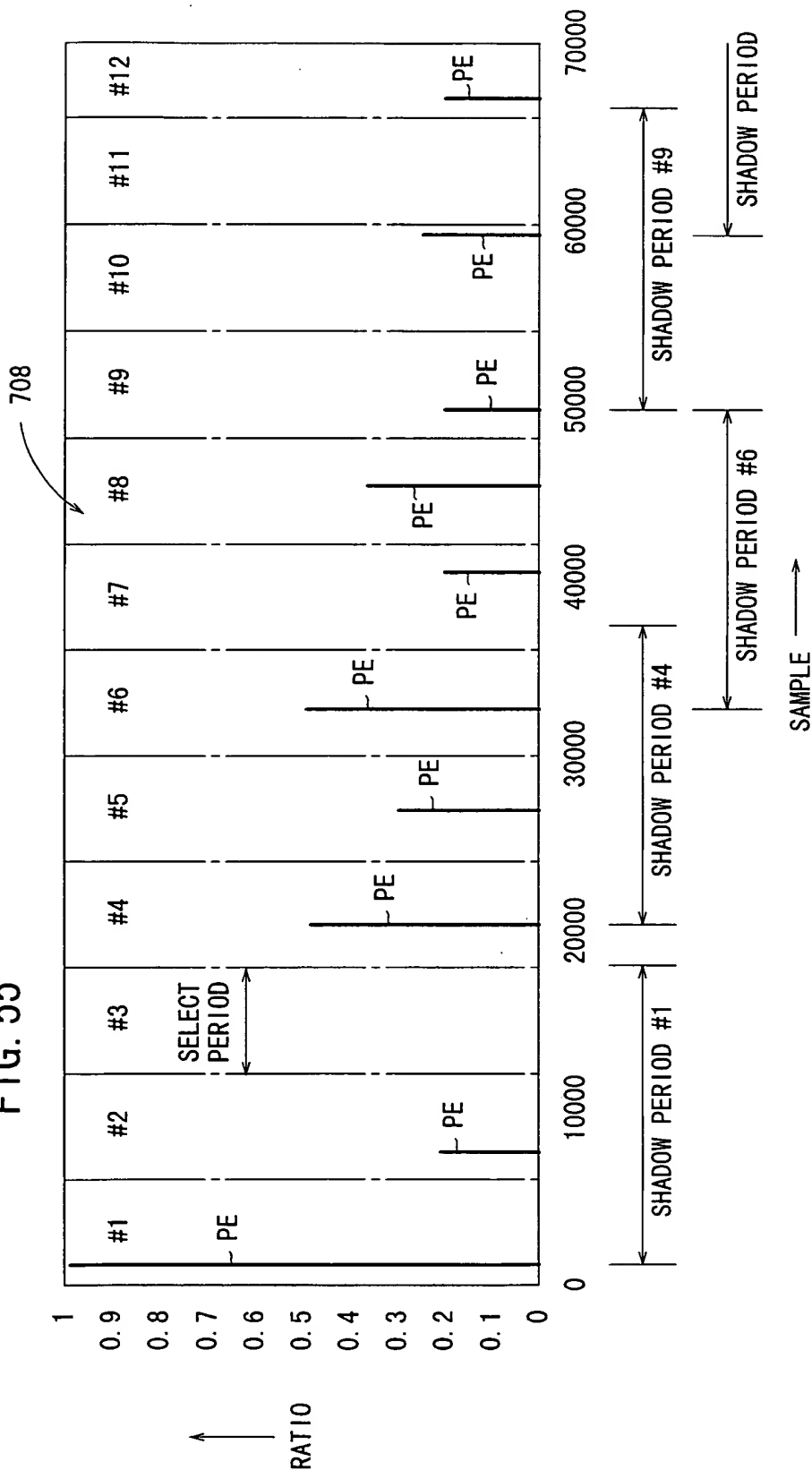


FIG. 56

